

EIGHTY SIXTH
ANNUAL REPORT

KENNETH A. GIBSON
MAYOR

NEWARK FIRE DEPARTMENT

JOHN P. GAUFIELD
DIRECTOR

[1971]

NEWARK, NEW JERSEY

ANNUAL REPORT 1971

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Fire Department

ANNUAL REPORT

for the year 1971

February 29, 1971

Hon. Kenneth A. Gibson,
Mayor,
City Hall,
Newark, New Jersey.

Dear Sir:

The Annual Report of the Newark Fire Department for the year ending December 31, 1971 is herewith respectfully submitted.

The various activities and operations are detailed in the Division reports appended hereto.

1971 proved to be the busiest year in the history of the Newark Fire Department, both as to total number of alarms and actual fires. The year 1971 shows a record number of 9,427 fires. Newark Fire Department members quickly responded to and efficiently extinguished the fires. The efficiency and courage of the Department Members were severely tested and found equal to the task.

A record number of 5,406 false alarms were sounded in 1971. This needless activity contributed to the tremendous workload as well as wear and tear on manpower and apparatus.

The primary function of the Fire Department continues to be the protection of life and property from the ravages of fire. To meet this goal certain specific objectives were set for 1971. Many of these objectives have been completed. Others are in the process of completion. (See Appendix A in this report.)

Following is a comparison of the fire losses for the past five years:

Total fire loss in 1967 - \$6,319,800.65
1968 - \$5,930,366.97
1969 - \$5,288,710.28
1970 - \$3,474,060.16
1971 - \$4,943,137.51.

Per Capita loss totaled \$12.94 for 1971, as against \$8.57 for 1970, \$13.05 for 1969, \$14.64 for 1968, \$15.59 for 1967.

The number of lives lost as a result of fire in 1971 was 40, an increase of 4 over 1970.

25 lives lost in 1967
28 lives lost in 1968
24 lives lost in 1969
36 lives lost in 1970.

Total alarms in 1971 were 22,381; of these 5,406 were false alarms.

Among the various activities of the Fire Department during the year 1971, I respectfully wish to call attention to the following:

Fire Department inspections increased by 60% from 27,026 to 43,681.

A new program was instituted providing all members of the Firefighting Bureau with the best available self-contained masks. All filter-type contained masks were replaced to provide fire personnel with the best and safest breathing apparatus available.

A complete filtration unit is now available at Special Service to insure that sufficient cylinders will be available at all times for the firefighting forces.

A comprehensive Community Relations Plan, including as one of its principal components providing for the welfare of fire victims, was developed under the guidance of Deputy Chief Lawrence Caufield, Battalion Chief Robert Marron and Captain Pinal, with special emphasis on human relations, fire prevention, recruitment and community relations.

Our systematic apparatus and equipment replacement programs were continued through the year. These programs will only be effective if the Fire Department is able to maintain its own garage facilities for maintenance of Fire Department vehicles. This program together with an effective preventive maintenance program will enable us to maintain Fire Department apparatus in first-class condition.

The apparatus and equipment replacement program continued with the delivery and acceptance of the following as of this date:

- 2 Four Wheel Drive 1,000 gallon Pumpers
- 4 Mack 1,000 gallon Pumpers
- 1 Snorkel
- 1 Chevrolet Station Wagon - assigned to the Training Academy
- 1 Chevrolet Sedan - assigned to the Arson Squad
- 1 L.T.D. Ford Sedan - assigned to the Director's Office.

Under the Capital Improvement Program, on order, to be delivered in 1972:

- 6 1000 gallon pumpers
- 1 100 ft. Aerial Ladder Truck.

The purchase of the above equipment in addition to the regular purchase of small appliances and tools will place the Fire Department in a very favorable position as regards modern apparatus, tools and appliances.

Note: 4 100' Aerial Ladder Trucks ordered under the 1971 Capitan Improvement Budget will be delivered in April.

The training program of the Department continued throughout the year with emphasis on the following:

1. The driver training program continued for the 12th consecutive year.
2. Mask drills were conducted by the various battalion chiefs.
3. Deputy Chief Wall continued the Training Course for all new Fire Department members at the Training Academy.
4. Daily drills were conducted in company quarters, in company districts and at the City Dock under the direction of Deputy and Battalion Chiefs.
5. The In-Service Inspection program continued throughout the year with special emphasis on inspections of commercial, industrial and institutional buildings.

Supervisors of Apparatus Daniel Tauriello and Peter J. Carolan have continued the service-testing program and have also conducted Pump Classes at the Special Service Company.

Fire Prevention Activities were conducted on a year-round basis by the members of the Fire Prevention Bureau, Community Relations Division and the Training Academy. Some of the activities were -- an indoor exhibit, and outdoor exhibit, films, Speakers Bureau, and distribution of hundreds of thousands of pieces of literature on Fire Prevention.

All of the above were displayed before various civic, fraternal, religious, etc. groups, and all were available to all groups requesting same.

A special kerosene heater float was on display throughout the city for several weeks, and fire prevention posters were displayed in store windows.

The Officers and Members of the Department performed excellent service during the past year, and it was my pleasure to commend many of them officially for outstanding rescues and acts of heroism. All fires occurring during 1971 were satisfactorily controlled and extinguished. Newark has good reason to be proud of its Fire Department.

RECOMMENDATIONS

1. A fire training area must be established to provide adequate training. A modern training facility is vitally needed if the City is to retain its top rate overall fire insurance rating. A Bonding Ordinance has already been passed and necessary steps are being taken to provide the facility in 1972.
2. The continual purchase of new apparatus and up-to-date equipment must be carried on to maintain the Department at peak efficiency. A Fire Department Garage must be established. This together with the implementation of an effective maintenance program must be undertaken if we are to properly fulfill our mission of fire protection.

3. The plan of fire station replacement must be continued. Of the 27 fire stations, 25 are in need of modernization to make them suitable for personnel. The 25 stations have leaking roofs, and it is imperative that these roofs be repaired or replaced, if need be, before the winter of 1972.

4. Our Educational Program must be continued. During 1971, many members took a course in Fire Protection Technology given at the Newark College of Engineering; several attended a course in the Principles of Fire Administration at Rutgers University; a number attended a course in Fire Prevention Inspection and Fire Technology at Essex County College, and courses in Labor Relations, Community Relations, and Safety Training were attended at the Department of Civil Service and at Rutgers University.

Many other recommendations could be made, however, I have restricted myself to the above because I consider them to be so vitally important to the efficient operation of the Fire Department in the immediate future.

On behalf of the members of the Fire Department, I extend to you a sincere vote of appreciation for your interest in our problems and your wholehearted cooperation.

The Fire Department also expresses its thanks to the members of the Municipal Council of the City of Newark, who showed a sincere interest in the problems of our Department and cooperated by their favorable response. We also express our thanks to the Hon. Cornelius Bodine, Jr., Business Administrator, the Hon. Elton E. Hill, Assistant Business Administrator, the Hon. William Walls, Corporation Counsel, and to the Directors of all departments for their splendid cooperation.

The Fire Chief, all Officers and Men of the Department, and the Administrative Staff are to be commended for their efficient and dedicated services and attention to duty during the year.

The Civil Defense Auxiliary Firemen and the Bell and Siren Club rendered valuable and outstanding service and are to be commended for their devotion and civic-mindedness. To them I express the sincere thanks of every member of the Fire Department.

To the Chaplains and the Department Surgeons, for their outstanding contributions in administering to the needs of the men, we owe a debt of gratitude.

Respectfully yours,

John P. Caufield
JOHN P. CAUFIELD, DIRECTOR,
Fire Department.

F i r e D e p a r t m e n t

ANNUAL REPORT
JOSEPH M. REDDEN, FIRE CHIEF

Hon. John P. Caufield, Director
Fire Department
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for 1971. The reports of the various bureaus listed herein attest to the ever-increasing workload and a continuing effort put forth by the Department. These reports will show that the year 1971 was a record one as to alarms transmitted, working fires, multiple alarms, false alarms, and deaths to civilians. The efficient manner in which the Department operated, in spite of a continuing increase in workload, is a true indication of the dedication of the Officers and Members of the Department.

My recommendations in the Annual Report of 1970 related to three broad areas that have a profound effect on the efficiency of the Department. They are listed as follows:

1. Manpower - Manpower available on apparatus continues to be a critical factor in the efficient handling of the fire problem in the City. I strongly recommend that a minimum working roll call be instituted in the Department. In line with this, I request that Planning undertake a study to determine the cost of providing a roll call of one Officer and four Firemen on all Truck Companies and two-piece Engine Companies, and one Officer and three Firemen on one-piece Engine Companies and Special Units.

With an assured response such as this, we could logically discuss a reduction in apparatus response with a resultant saving of wear and tear on apparatus and manpower. Such a plan would also alleviate a condition where there were forty-four instances in 1971 of a fire company responding with a complement of one Officer and two Men.

2. Apparatus - With the apparatus replacement program as presently constituted, we will, in a short time, retire pumping engines after twelve years of service and aerial ladders after fifteen years. This, together with the inauguration of our own repair facility this year, will place

Fire Department

Fire Chief's Report (continued)

Page 2

us in an enviable position.

3. Physical Plant - I agree with the policy of renovating our existing buildings, particularly as it applies to roofs, plumbing, heating, overhead doors, and electrical service. Many of our firehouses are in deplorable condition, and this policy will effect a short-term solution to the structural and service conditions in our buildings at present.

I would strongly recommend that this short-term solution not deter the building of new fire stations and the centralization of fire companies therein consistent with response coverage for the entire City.

The projected purchase of a training area, with first stage construction anticipated in the year 1972, will fill a long term need of this Department and augurs well for an era of increased efficiency as a result of the fulltime training program which will then be possible.

I wish to express to the Officers and Members of the Department my sincere appreciation for their efforts, often under extremely hazardous conditions, and for their wholehearted cooperation throughout the year.

I also wish to extend my thanks to the Mayor, the Members of his Administration, the City Council, members of the press and other news media, and the Members of the Bell and Siren Club, for their courtesy and for the assistance to the Fire Department which they rendered during the year.

Respectfully submitted,

Joseph M. Redden
JOSEPH M. REDDEN,
Fire Chief

JMR:JMR

1971

COMPANY STATISTICS

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS ENGINE DUTY	FEET OF HOSE USED	IN-SERVICE INSPECTIONS	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS
Eng. Co. 1	1531	458	0	322	90,500	430	142	327	742
" " 2	1245	388	0	223	53,550	85	256	406	758
" " 4	2296	765	43	281	77,950	320	269	406	957
" " 5	1097	322	0	207	47,250	128	271	340	672
" " 6	3458	1214	13	393	83,100	262	576	360	1307
" " 7	2154	636	0	321	87,650	389	320	371	936
" " 8	630	247	0	179	35,850	158	158	364	585
" " 9	1971	937	2	424	78,250	252	180	352	424
" " 10	2348	715	0	560	83,550	246	130	335	1067
" " 11	1989	652	0	311	61,450	343	840	369	959
" " 12	3423	757	0	283	84,800	190	173	302	1250
" " 13	1146	675	3	198	25,300	496	754	364	760
" " 14	1584	512	0	328	50,300	130	274	280	897
" " 15	1796	528	0	299	64,800	317	302	300	901
" " 16	703	430	0	372	41,050	172	386	405	667
" " 17	2527	688	0	300	77,400	108	425	394	981
" " 18	2897	745	8	267	69,900	184	556	646	1131
" " 19	1253	467	0	152	13,350	152	264	377	549
" " 20	3084	21056	0	586	133,900	227	278	282	1206
" " 21	378	129	0	94	11,950	324	218	337	316
" " 26	497	184	0	38	6,700	194	564	385	439
" " 27	800	375	7	420	46,250	118	750	272	876
" " 28	853	274	0	140	24,250	359	292	374	536
" " 29	1803	503	0	134	29,900	36	350	431	678
" " 32	297	194	0	204	12,600	345	575	405	823
Fireboat	164	62	33	81	5,150	0	0	360	292
Salvage 1	3178	482	87	0	0	0	0	416	1408
Salvage 2	4708	493	29	0	0	0	0	388	1360
Rescue Sq.	3171	1119	425	1262 Res.Duty	--	--	--	490	1262
TOTALS	52,981	16,007	650	8,379	1,396,700	5,965	9,303	10838	24,739

743
227
327

327

COMPANY STATISTICS (2)

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	NO. OF FEET OF LADDERS USED	NO. OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	HYDRANTS INSPECTED
Truck Co. 1	1916	591	0	16,259	200	501	1,172	275
" " 2	1912	514	2	8,805	300	336	885	409
" " 3	2209	624	0	15,657	225	362	811	175
" " 4	1015	337	0	5,998	95	333	636	145
" " 5	4017	1047	0	24,560	112	352	1,347	130
" " 6	1042	291	0	3,198	229	350	556	192
" " 7	1362	312	0	5,451	104	277	680	435
" " 8	658	208	0	4,793	232	353	530	274
" " 9	3106	809	0	17,578	169	402	1,225	404
" " 10	1983	502	0	7,903	208	371	808	607
" " 11	1818	354	0	7,345	151	381	1,102	150
" " 12	339	50	0	627	214	333	296	205
TOTALS	21,377	5,639	2	118,174	2,239	4,351	10,048	3,401

CHIEFS	ALARMS ANSWERED	ALARMS WORKED	HRS. DIST. INSPECTION
Dep. Div. 1	2604	1407	692
Dep. Div. 2	2379	1202	1077
Dep. Div. 3	2282	1276	1364
Batt. Dist. 1	2632	1277	1335
Batt. Dist. 2	1984	1187	1307
Batt. Dist. 3	2346	1386	1985
Batt. Dist. 4	5162	2750	1379
Batt. Dist. 5	1156	791	1828
TOTALS	20,546		

COMPANY STATISTICS (3)

SALVAGE COMPANIES 1 AND 2

Canvas Covers Spread	494
Roof Covers Spread	8
Roofs covered by other means	--
Sprinkler Systems restored to service	--
Sprinkler heads replaced	110
Buildings secured	101
No. of buildings - water removed	--

SPECIAL SERVICE AND SUPPLY

No. of Alarms Answered	60
No. of times smoke ejector used	3
No. of times emergency lights used	7

SUMMARY

Total number of alarms	22,381
Total number of alarms worked	9,427
Emergency Calls	652
No. of feet of Hose used	1,396,700
No. of feet of Ladders used	118,174
No. of Inspections Made	8,204

Fire Department

FINANCIAL STATEMENTBudget Appropriation for the year 1970 /1971

Salaries -----	\$ 13,208,822.00
Other Expenses -----	507,332.00
	<u>\$ 13,716,154.00</u>

Disbursements: 1971Salaries:

1 Director-----	\$ 20,000.00
1 Administrative Officer-----	13,515.86
1 Assistant Chief Clerk-----	10,823.50
1 Administrative Secretary, Fire-----	10,680.00
1 Fire Chief, U.F.D.-----	20,140.00
19 Deputy Chief-----	352,808.91
1 Chief of Fire Signal System Operations-----	19,000.00
33 Battalion Chief -----	504,624.97
1 Asst. Chief of Fire Sig. Sys. Operations-----	15,800.00
2 Supervisor of Apparatus-----	31,030.00
187 Captain -----	2,537,086.10
806 Fireman-----	8,585,949.48
1 Salvageman-----	34,177.48
1 Chief Inspector-----	15,950.00
1 Asst. Chief Inspector-----	13,780.00
1 Fire Surgeon-----	12,614.74
1 Asst. Fire Surgeon-----	11,646.64
2 Chaplain-----	10,542.00
1 Supervisor of Accounts, Fire-----	7,980.35
1 Physical Education Instructor-----	8,800.00
1 Chief of Fire Sig.Sys. Maint. Constr.	19,000.00
1 Asst. Chief Fire Sig.Sys. " "	15,800.00
5 Chief Fire Alarm Operator-----	59,334.20
15 Fire Alarm Operator-----	160,675.65
1 Fire Alarm System Mechanic-----	10,957.60
2 Foreman Fire Alarm Telegraph-----	25,430.00
12 Lineman-----	122,448.34
1 Public Relations Officer-----	12,037.60
1 Supervising Principal Clerk Steno.-----	7,626.00
1 Principal Clerk Stenographer-----	7,120.00
1 Senior Clerk Stenographer -----	5,619.45
2 Principal Account Clerk-----	14,120.00
1 Account Clerk-----	5,017.00
1 Clerk Typist-----	4,471.74
2 Lineman Helper-----	6,661.78

Total Salaries	\$12,713,269.39
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Pay Differential	\$ 416,091.75
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1971 Total Expenditures	\$13,129,361.04
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Financial Statement (?)

Other than Salaries:

Travel Allowance-----	\$ 16,109.38
Repairs to Office & Fire Fighting Equip.	4,186.47
Insurance-----	8,271.00
Subscriptions & Books-----	780.76
Badges-----	300.00
Chairs-----	778.25
Stationery-----	3,218.43
Printing-----	3,454.64
Miscellaneous Supplies-----	1,836.93
Clothing Allowance-----	271,181.32
Professional Service-----	90.00
Tests on Evidence-----	128.40
Photographic Supplies-----	1,037.10
Educational Films-----	1,161.64
Visual Aids-----	950.00
Conventions-Transportation, etc.	2,200.00
Electric & Gas-----	34,797.88
Fire Alarm Supplies-----	9,904.78
Fuel Oil-----	36,829.81
Cables and Reels-----	3,925.57
Boxes and Stanchions-----	1,920.00
Demurrage Charges-----	400.00
Flags-----	264.90
Wet Water Penetrant-----	300.00
Sisal Rope-----	439.55
Light Bulbs-----	1,000.00
Electric Repair Supplies-----	723.96
Gas Mask Parts-----	3,000.00
Grease and Oils-----	250.17
Membership Dues-----	343.00
Brooms, Brushes, Shovels-----	1,200.00
Hose and Hydrant Wrenches-----	359.77
Sash Cord, Tools, etc.-----	215.73
Step Ladders-----	70.00
Ashcans, Pails, etc.-----	388.30
Paints and Paint Brushes-----	200.00
Soaps, Waxes, Rags, etc.-----	2,100.00
Toilet Tissue-----	500.00
Window Shades-----	400.00
Burgess Batteries-----	2,498.27
Dry Powder-----	298.20
Extinguisher Repair Parts-----	750.00
Paper Bags and Twine-----	100.00
C.O.2 Refills-----	1,879.70
Shower Curtains-----	50.00
Underground Construction-----	1,250.00

Financial Statement (3)

Other than Salaries (Continued)

Sprinkler Heads-----	300.00
Tar Paper-----	295.75
Gauges -----	100.00
Extermination Service-----	300.00
Blanket Laundering & Washroom Supplies-----	100.00
Telephone Service-----	18,100.00
Radio Maintenance-----	35,000.00
Portable Radiophones-----	300.00
Fire Prevention Education-----	280.62
Oxygen Cylinders Refilled-----	235.22
Bedding & Linens-----	1,200.00
Buttons and Insignia-----	338.44
Hand Lights-----	599.70
Valves and Nozzles-----	5,133.40
Salvage Covers-----	1,422.00
Nuclear Testing Equipment-----	-
Fire Fighting Equipment-----	4,430.59
Axes and Hooks-----	400.00
Cannisters-----	12,580.00
First Aid Supplies-----	946.30
Bicarbonate and Sulphuric Acid-----	-
Fire Fighting Foam-----	3,000.00
Extinguishers-----	125.00
Gas Masks-----	24,756.21
Fire Hose-----	15,669.80
Ladders-----	1,988.17
Portable Resuscitators (2)-----	405.00
Gas Stoves (3)-----	375.00
Fire Prevention Materials-----	3,959.00
Generating Plant-----	615.00
Mattresses-----	785.00
Hose Driers-----	5,000.00
Evidence Kit Supplies-----	100.00
Walkie Talkie Radios-----	2,482.00
Pure Air Supply Unit-----	9,910.76
Meals for Out of Town Fire Officials-----	197.84
2 Electric Typewriters-----	932.00
Jack-hammer-----	450.00
Partner "k" Saws-----	1,380.00
4 Portable Water Pumps-----	2,040.00
2 Portable Electric Generators-----	410.26
Gas Cylinders-----	577.00
Oxygen Cylinders Refilled-----	2,485.22
Ammunition-----	357.45
Handcuffs-----	43.80
Motor Vehicles-----	21,880.90
Cylinders for Masks-----	5,480.00
Sound-scriber Tapes-----	840.00
Sound-scriber Recorder-----	1,500.00
Motion Picture Projectors-----	1,156.30
Cameras-----	337.50

Total Other than Salaries \$ 644,544.84

Financial Statement (4)

MISCELLANEOUS RECEIPTS 1971

Redeposited Checks	89.50
Miscellaneous	601.48
Bureau of Combustibles	50,612.00
Accounts Current	1,339.93

MISCELLANEOUS

April:

Photos supplied by Arson Squad to Albert R. Lee	50.00
Photos supplied by Arson Squad to Philip Black	40.00
Photos supplied by Arson Squad to Empire Mutual	40.00
Photos supplied by Arson Squad to Leich, Teich	65.00
	<hr/>
	\$ 195.00

June:

Return of 2 empty drums to Humble Oil Ref. Co.	\$ 4.50
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November:

Credit received from N.J.Bell	20.33
Full settlement on theft of Walkie-Talkie #8405 from City of Newark Insurance Fund Commission	381.65
	<hr/>
	\$401.98

FIRE DEPARTMENT - CITY OF NEWARK

Hon. Cornelius Bodine, Jr.
Business Administrator

Hon. Kenneth A. Gibson
Mayor

Hon. John P. Caufield
Fire Director

William T. Whalen, Administrative Officer

William McDonald, Asst. Chief Clerk

Edna L. Foran - Administrative Secretary

Joseph M. Redden, Fire Chief, U.F.D.

DEPUTY CHIEFS

First Deputy Division

James Donlon
Frederick Grehl
Charles JanTausch
Vincent J. Kelly

Second Deputy Division

John Dolak
Joseph McLaughlin
Thomas O'Boyle
Arthur Schmidt

Third Deputy Division

Harold B. Davis
Andrew J. Donahue
James Gaynor
Joseph L. Magnusson

ROVING

Thomas Leonard

BATTALION CHIEFS

First Batt. District

Albert J. Maresca
James W. McCormack
Frank Reheis
Carl Stoffers

Second Batt. District

Edward R. Dunn
Vincent Marinucci
Angelo Ricca
William Schick

Third Batt. District

Louis Iannuzzi
Edward Nolan
James V. Raymond, Jr.
Philip Smith

Fourth Batt. District

Fred Boehringer
William Carragher, Jr.
Joseph Doll
Matthew Farley

Fifth Batt. District

Vincent Greeley
John Griggs
Robert A. White
John Zieser

Roving

Robert King
Alexander McGrory
James O'Donnell
Erwin E. Burchardt

Back-up Chief -- Albert Lopez
" " -- Vincent Brennan
Safety Officer - James Morgan
Water Officer - James Nolan

F I R E D E P A R T M E N T

S U B D I V I S I O N S O F T H E F I R E D E P A R T M E N T

Fire Alarm and Radio - James E. Caufield, Chief, Fire Signal Sys. Oper. Commun.
" " " " - Edward Przybylowicz, Chief, " " "
Maintenance and Construction

Fire Prevention Division - David Kinnear, Deputy Chief
Arson Squad - Joseph L. Starrs, Batt. Chief
Combustibles - Elias J. Swerida, Chief Inspector
" - Philip Boyle, Asst. Chief Inspector

Special Service & Supply - Arthur D. Marsh, Deputy Chief
" " " - Herbert L. Planck, Batt. Chief
Apparatus Division - Daniel Tauriello, Supv. of Apparatus
" " - Peter J. Carolan, Supv. of Apparatus

Training Academy - Edward M. Wall, Deputy Chief
" " - Stanley Kossup, Batt. Chief

Community Relations Division - Lawrence Caufield, Deputy Chief
" " " - Robert Marron, Batt. Chief

Planning Division - James P. O'Beirne, Deputy Chief

Civil Defense - Joseph Zoppi, Battalion Chief

Medical Division - Edwin L. Ciccone, M.D., Fire Department Surgeon
" " - Carl Maffeo, M.D., Asst. Fire Department Surgeon

Chaplains - Rev. Horton Raught, Catholic Chaplain
" - Rev. Clarence Bleakney, Protestant Chaplain
" - Rabbi Horace Zemel, Jewish Chaplain

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Director

TABLE #5 ORGANIZATION Total Personnel 1,110

Community Rel. Div.
Deputy Chif 1
Battalion Chief 1
Captain 1
Public Relations 1
Fireman 2
6

Fire Chief

Planning Div
Deputy Ch. 1
Captain 2
Fireman 3
6

Arson Div.
Batt.Chief 1
Captain 3
Fireman 13
17

Civil Defense
Batt. Chif 1
Fireman 1
2

Administration
Administrative Officer 1
Asst. Chief Clerk 1
Administrative Secy 1
Supv. Fire Accounts 1
Supv. Prin.Clerk Steno 1
Prin. Clerk Steno 1
Prin. Acct. Clerk 2
Senior Clerk Steno 1
Account Clerk 1
Clerk Typist 1
11

Communications
42

Commun. & Oper.
Ch.FireSis.Sys. 1
Assst.Ch. " 1
Ch.Fire Al.Op. 5
Fire Alarm Op. 15
Fire Al.Sys.Mech 1
Fireman 1
24

Construction & Maint.
Chief,Maint.& Con 1
Asst.Ch. " 1
Foreman,Fire Al. 2
Lineman 12
Lineman Helper 2
18

Training Bur.
13

Fire Fighting Bur.
97

Fire Prev. Bur.
57

Fire Rec. Div.
Fireman 2
Photo Div.

Combustible Div
Chief Insp. 1
Asst.Ch.Insp. 1
Captains 3
Firemen 31
17
36

1971

Fire Fighting Bur. 972

Fire Chief 1

<u>Special Service</u>	
Deputy Chief	1
Batt. Chief	1
Captains	10
Firemen	30
	—42

<u>Deputy Divisions</u>	
Deputy Chiefs	14
Batt. Chiefs	26
Fireman	40
	—80

<u>Med. & Chap. Div.</u>	
Fire Surgeon	1
Asst. Fire "	1
Chaplains	2
	—4

<u>Appar. & Hose Div.</u>	
Apparatus Supv.	2

1st Deputy Division

7 Eng. Companies	11 units
4 Truck Companies	3
1 Salvage Company	

Captains	49
Firemen	204
	—253

2nd Deputy Division

10 Eng. Companies	6 units
3 Truck Companies	
1 Salvage Company	
1 Fireboat	

Captains	61
Firemen	244
Salvageman	1
	—306

3rd Deputy Division

8 Engine Companies	4 units
5 Truck Companies	
1 Rescue Company	

Captains	56
Firemen	228
	—284

BATT 1 = 5 units
BATT 3 = 9 units

FIRE DEPARTMENT

1971

Appointments

<u>DATE</u>	<u>NAME</u>	<u>TITLE</u>
6/7	Michael A. James	Lineman Helper (T)
6/7	James Wallace	Lineman (T)
6/21	Horton J. Raught	Fire Chaplain
7/5	Anthony C. Anstiss	Fireman
7/5	Sharon Caffrey	Clerk Typist (T)
7/5	Thomas R. Lyons	Re-instated as a Fireman
7/19	Stacy H. Phillips	Account Clerk (T)
7/26	John A. Aquino	Lineman (T)
8/14	Dorothy E. Nugent	Supervisor Accts. - Fire (T)
8/30	Leo J. Brochu	Fireman
8/30	Joseph C. Fisher	"
8/30	Thomas J. Grehl	"
8/30	Michael O. Kelly	"
8/30	Joseph E. Lange	"
8/30	Lamont E. Lewis	"
9/20	William C. Thigpen	Reinstated as a Fireman
9/27	Susan A. Caufield	Clerk Typist (T)
10/11	Daniel Warnock	Fire Alarm Operator (T)
10/18	John L. Caruso	Fireman
10/18	Harold J. Walsh	Reinstated as a Fireman
11/8	Kenneth H. Brown	Fireman
11/22	Howard E. Peele	"
12/13	Brian T. Ewing	"
12/13	John R. Kunze	"
12/13	Richard Restaino	"

RESIGNATIONS

2/1	Joseph Becht	Fireman
4/12	Anthony Patuto	"
6/7	John F. Silvia	Lineman (T)
6/16	Devonne Morris	Senior Clerk Steno.
7/1	William E. Smith	Fireman
7/19	Eric B. Moore	Lineman Helper (T)
8/1	Michael Golembiewski	Fireman
8/27	Sharon Caffrey	Clerk Typist (T)
11/1	John Strouse	Fireman

EMPLOYMENT TERMINATED

7/19	Elizabeth A. Farrell	Account Clerk (T)
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FIRE DEPARTMENT

1971

RETIREMENTS

<u>DATE</u>	<u>NAME</u>	<u>TITLE</u>
1/1	Anthony T. Grill	Fireman
1/30	Andrew D. McDevitt	Lineman
2/1	Francis N. Hale	Fireman
2/12	Henry L. Schoettly	Deputy Chief
3/1	John F. Casey	Battalion Chief
3/1	Antony Poe	Captain
3/1	John E. Foran	Fireman
7/15	Louis Churchill	Salvageman
7/15	Michael A. Dunn	Salvageman
7/15	Bernard P. Gilsenan	Salvageman
7/15	Richard Schott	Salvageman
8/1	Jessie E. Coakley	Supervisor Accts. - Fire
9/1	John F. Malloy	Captain
10/1	Joseph J. Drew	Deputy Chief
10/1	James A. McCormack	Fireman
10/1	William Zelder	Fireman
11/1	George H. Lackey	Captain
12/1	Clinton L. Parmelee	Captain
12/1	Edward Michalzen	Fireman

DEATHS

2/19	Frederick C. Walters	Fireman
4/26	Msgr. Philip T. McCabe	Fire Chaplain
6/3	Fred J. Crowley	Deputy Chief
7/17	James G. Stoia	Fireman
8/6	William A. Ryan	Chief Fire Alarm Operator
10/18	Robert Curry	Fireman
10/25	Peter T. Gentile	Fireman
12/3	Arthur M. Connor	Fireman
12/24	Roger Connelly	Fireman

FIRE PREVENTION DIVISION
ANNUAL REPORT FOR THE YEAR 1971
submitted by
DEPUTY CHIEF DAVID J. KINNEAR

Reports in detail from the Arson Squad, Bureau of Combustibles and Fire Loss Record Bureau, the units which comprise the Fire Prevention Division, accompany this report, which lists the additional activities of the Division.

Education and training for fire inspectors, Arson Squad investigators and members of the office staff continued to receive a high priority in divisional activities. Bureau of Combustibles inspectors received daily lectures on inspection procedures, fire codes, violation and court procedures and other subjects dealing with their duties. Arson Squad investigators were also given regular instructions in latest investigative procedures by Officers of the Squad. All members of this Division attended lectures on the hazards of gas and electricity, given at the Training Academy with the cooperation of Public Service Electric and Gas Corporation. They also participated in a three-day seminar on Human Rights given by the New Jersey Division of Civil Rights and the Training Division; and a two-day course in defensive driving conducted by the Training Division. All office personnel were given First Aid Training and instructions in the use of the E & J Resuscitator and external cardiac massage, with the goal being to set up a First Aid Brigade to be available for any emergency that might occur in the City Hall building. Two officers and three investigators from the Arson Squad attended the annual Arson Seminar at Rutgers, New Brunswick. Chief Inspector Elias Swerida attended and lectured at the Fire Science course at Essex County College.

Meetings and discussions were held with various city departments and agencies to exchange knowledge and to improve communication and cooperation. Among them were meetings with the Mayor's committee formed after the Lexington Street (Radom Chemical) explosion in February, 1971, which resulted in a City Ordinance to require a certificate of occupancy in certain occupancies within the city. There were also meetings with the Board of Education to try to find a solution for alleviating the increasing problem of fires, false alarms and malfunctions in public schools; with the Zoning Board in order to have our recommendations made known before zoning changes are made or variances approved; with the Law Department to discuss legal procedures for court actions, building demolition and other legal problems; and with the City Planning Division, the Building Department and the Health and Sanitation and Rat and Pest Control Divisions.

Thousands of pieces of Fire Prevention literature and posters were distributed throughout the city during the entire year and especially during Fire Prevention Week. In cooperation with the Training Division, speakers were provided to lecture, and films were shown in schools and before various civic and social groups, when requested. Special details were provided for sporting events, concerts, and other meetings and assemblies of large crowds. During the pre-Christmas shopping period, inspectors concentrated especially on the business areas of the city. Special details of Arson Squad and Bureau of Combustible members patrolled the city on Mischief and Halloween nights.

ARSON SQUAD
Year ending December 31, 1971
Annual report submitted by
Battalion Chief Joseph L. Starrs

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1971.

The complete records of all investigations conducted by the Arson Squad including photographs, evidence, statements, etc., are on file in the Arson Squad office, and will be made available to interested parties, where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad Office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other municipal bureaus of government -- Newark Police Department, Youth Aid Bureau, Board of Education and the Fire Prevention Bureau.

Throughout the past year, we have continued our liaison with the American Insurance Association, Essex County Prosecutor's Office, Federal Bureau of Investigation, New Jersey State Motor Vehicle Department, and other state and national agencies. These agencies have given us important assistance in many of our investigations.

OTHER ACTIVITIES OF THE ARSON SQUAD FOR THE YEAR 1971

During the year 1971, the Arson Squad participated in the following:

1. June 7 to June 11. Five members of this squad, two officers and three investigators, attended a five-day seminar on Arson, at Rutgers University, New Brunswick, New Jersey.

2. September 8-9-10. All Arson Squad investigators attended a three-day seminar on Civil Rights. Classes were held at the Police and Fire Training Academy.

3. November 23 and 29. All Arson Squad personnel attended a Defensive Driver Training Course at the Newark Police and Fire Training Academy, sponsored by the National Safety Council.

4. December. Six members of the Arson Squad attended First Aid Course, at the Bureau of Combustibles office. Instruction by members of the Training Academy in this subject was given. Cards of certification - Standard Course - First Aid to the Injured - were issued to all attending members.

The Arson Squad has for the past year, participated in the National Bomb Data program, sponsored by the United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C.

The Arson Squad has rendered assistance to outside communities in Arson Investigations.

At the request of the Ocean County Prosecutor, on two different occasions. this office has supplied him with one officer and one investigator to assist him in his investigation of fires in Lakewood and Toms River, New Jersey.

Arson Squad (2)

The Police Department of Dover Township, Ocean County, also requested aid, which they received, in the investigation of a suspicious fire in Dover Township.

Captain James P. Dalton of this squad, at the request of the New Jersey State Police, instructed two rookie Police classes at Sea Girt, New Jersey, in the basics of Arson Investigation.

Captains Bishop and Doherty of this command, have, in addition to their regular duties, processed some 56 men for assignment into various branches of the Fire Department. These include regular firemen, telegraph linemen, linemen helpers, from existing Civil Service lists, and Fire Cadets and others under Emergency Employment Act (EEA), a program sponsored by the Federal Government.

ALARM STATISTICS

	<u>1969</u>	<u>1970</u>	<u>1971</u>
Total number of fire alarms including Sig. 5's	15,871	17,095	19,333
Total number of false alarms	3,498	4,204	5,406
Total number of alarms minus false alarms	12,373	12,892	13,927
Total number of fires	8,556	8,110	9,427
Total number of fires investigated by Arson Sq.	1,217	1,452	1,814
Percentage of total number of fires investigated by the Arson Squad	14.22%	17.93%	19.44%
Total number of fires investigated including complaints answered by the Arson Squad that are incendiary or undetermined	804	952	1,300
Percentage of fires investigated by Arson Squad that were incendiary or undetermined	66.06%	65.56%	72.21%

DEATHS BY FIRE - 1971

<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>
1/24/71	12:02 A.M.	T-3467	682 No. 5th St.	M	60	Undetermined
2/10/71	3:55 A.M.	T-5134	67 Lexington St.	F	36	Explos.-Undeter.
2/10/71	3:55 A.M.	T-5134	67 Lexington St.	M	44	" "
2/10/71	3:55 A.M.	T-5134	67 Lexington St.	M	48	" "
2/10/71	3:55 A.M.	T-5134	67 Lexington St.	M	29	" "
2/15/71	3:13 A.M.	T-5512	454 Mulberry St.	M	43	Careless Smoking
2/15/71	3:13 A.M.	T-5512	454 Mulberry St.	F	60	" "
2/28/71	3:22 A.M.	4675	372 Wainwright St.	F	28 days	" "
3/18/71	4:33 P.M.	5534	Turnpike-Northbound	M	28	Truck Accident
3/20/71	5:11 A.M.	4454	495 So. 11th St.	M	30	Incendiary
3/20/71	5:11 A.M.	4454	495 So. 11th St.	M	8	Incendiary
4/7/71	8:19 A.M.	5144	115 Fleming Ave.	M	2	Child / Matches
4/9/71	2:49 A.M.	S8-4143	47-49 Stratford Pl.	M	37	Undetermined
4/9/71	2:49 A.M.	S8-4143	47-49 Stratford Pl.	M	60	Undetermined
5/5/71	5:05 A.M.	4475	53 Cypress St.	M	24	Careless Smoking
5/14/71	6:58 A.M.	T-5186	37 Schalk St.	M	59	Natural Gas Exp.
6/1/71	7:49 A.M.	4458	509 - 18th Ave.	F	2	Incendiary
6/1/71	7:49 A.M.	4458	509 - 18th Ave.	F	55	Incendiary
6/1/71	7:49 A.M.	4458	509 - 18th Ave.	M	10	Incendiary
6/1/71	7:49 A.M.	4458	509 - 18th Ave.	M	11 mos.	Incendiary
6/3/71	1:23 A.M.	3521	2 Halleck St.	F	62	Careless Smoking
6/3/71	1:23 A.M.	3521	2 Halleck St.	F	87	Careless Smoking
6/13/71	12:37 A.M.	T-4452	516 Springfield Ave.	M	7	Undetermined

Arson Squad (3)
Deaths by Fire (continued)

<u>Date</u>	<u>Time</u>	<u>Signal</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>
7/13/71	7:35 A.M.	2223	14 Green St.	M	4	Electrical Wir.
7/22/71	8:52 A.M.	ADT-6423	500 Doremus Ave.	M	53	Explosion-Undet.
7/22/71	8:52 A.M.	ADT-6423	500 Doremus Ave.	M	53	" "
7/22/71	8:52 A.M.	ADT-6423	500 Doremus Ave.	M	48	" "
7/22/71	10:26 P.M.	2315	383 Mulberry St.	M	53	Undetermined
7/29/71	11:56 P.M.	4216	276 Hunterdon St.	M	52	Incendiary
8/27/71	12:08 P.M.	5165	54 Monroe St.	M	30	Gasoline Spill
8/27/71	12:08 P.M.	5165	54 Monroe St.	M	9	" "
8/27/71	12:08 P.M.	5165	54 Monroe St.	M	7	" "
10/12/71	5:51 P.M.	1133	253 Academy St.	M	54	Ignition Clothes
10/26/71	12:03 P.M.	1122	71-73 So. Orange Ave.	M	4	Child / Matches
11/24/71	No Fire Dept. Participation	313 So. 19th St.		M	36	Careless Smoking
12/19/71	12:38 A.M.	T-4223	127 - 17th Ave.	M	18	Undetermined
12/19/71	12:38 A.M.	T-4223	127 - 17th Ave.	M	7	Undetermined
12/19/71	12:38 A.M.	T-4223	127 - 17th Ave.	M	10	Undetermined
12/19/71	12:38 A.M.	T-4223	127 - 17th Ave.	F	1	Undetermined
12/31/71	5:56 P.M.	3229	336-42 Broadway	M	57	Undetermined

TOTAL- 40 Deaths

	<u>TOTAL FOR YEAR 1971</u>
FIRES INVESTIGATED	1814
Second Alarms	74
Third Alarms	9
Fourth Alarms	2
DEATHS AT FIRES	40
Adult Male	22
Adult Female	5
Juvenile Male (under 18)	10
Juvenile Female (under 18)	3
COURT APPEARANCES	157
FALSE ALARMS INVESTIGATED	5406
FALSE ALARMS - JUVENILES APPREHENDED	54
" REPRIMANDED	49
REFERRED TO YOUTH AID	5
OTHER THAN FALSE - JUVENILES APPREHENDED (Sig.100)	50
" REPRIMANDED	15
REFERRED TO YOUTH AID	35
ADULT ARREST - SETTING FIRES	47
FALSE ALARMS	11
OTHER (Throwing rock at firemen)	6
(Interfering)	
(Damaging fire hydrant)	
Attempted Arson)	
(Child abandonment)	
(Throwing can at fireman)	
MISCELLANEOUS ACTIVITIES (Warrants issued	5
Possession of molotov cocktail)	
TOTAL ADULT ARREST	64
TOTAL JUVENILES TAKEN	
INTO CUSTODY	105

ADULT ARREST RECORD

<u>MONTH</u>	<u>DISPOSITION</u>	<u>DISPOSITION</u>	<u>OTHER</u>
January 7	<u>300</u> (False Al.) 1-So. Orange & Stuyvesant Ave.	<u>\$50.00 fine</u>	1- Child abandonment 30 days SS 1 yr. probation Page 11
February 2			1- Warrant issued
March 8	1-Springfield & Prince 1-Broad & Governor	Guilty Overlook Hosp.	1- 37 Lock St. * MMC - 10 south 1- 113 Bleeker St. 1- 33 - 7th Ave. 1- 174 Orchard St. - 1- 106 No. 9th St. 1- 191 Johnson Ave.
April 8	1- High & Kinney	Guilty	1- 124 Magazine St. 2- 491-495 So. 11th St. 1- 203 Hillside Ave. 1- 173 Hillside Ave. 1- 37 Prince St.
May 5	1- Lehigh & Bergen 1- Broadway & 4th Ave	Guilty 60 days SS	MMC - 10 South \$5,000 bail - Grand Jury \$500.00 bail - MMC \$250.00 bail - \$50.00 fine Grand Jury 1-616 So. 20th St. 1-20 Lock St. 1-10 Sheffield Dr. 1-20 Lock St. 1- 73 - 17th Ave. 1- 477 So. 12th St. 1- 222 Camden St.
June 5	I- Lincoln & Clinton	MMC - 10 south	1- 31 Gray St. 1- 69 Academy St. 1- 3 Poinier St.
			1- 24 Hansbury Ave. 1-308 Peschine Ave. 1-11C Avon Ave. I-21-223 Bergen St.
			\$5,000 bail - Grand MMC - 10 south Warrant issued 30 days SS

Adult Arrest Record (2)

<u>MONTH</u>	<u>300 (False Al.)</u>	<u>DISPOSITION</u>	<u>100 (Susp. Fire</u>	<u>DISPOSITION</u>	<u>OTHER</u>
July 3			1-698 Springfield Ave 1-300 Wilson Ave. 1-37 Prince St.	\$25.00 Fine Dismissed Grand Jury	
AUGUST 5			1-484 So. Orange Ave. 1-232 Seymour Ave. 2-490 So. 13th St. 1-Broad & Market Police Booth	Grand Jury \$52.00 fine - 3 months SS - 1 yr. probation Guilty - Join AA MMC	
September 4			1-26 Hillside Pl. 3-83 Penn. Ave.	10 days SS Grand Jury	
October 8	1-Broad & Camp Sts.	Guilty	2-Penn. station 1-340 Waverly Ave. 2-424 - 15th Ave. 1-74 Kent St. 1-121 Clinton Ave.	10 days ECJ \$25.00 fine Grand Jury Warrant issued Grand Jury	
November 4	1- 18th Ave & 18th St. 1- Broad & Parkhurst	30 days SS 20 days ECJ	1- Foot of Stanton St. 1- 52 Tillinghast St.	Grand Jury 1 yr. prob. 90 days SS	
December 5	1- Central & Broad Sts	Guilty	1- 572 So. 10th St. 1- 419 So. 11th St. 1- 665 So. 18th St. 1- 437 Jelliff Ave.	Grand Jury 90 days ECJ Grand Jury Grand Jury	
TOTAL	11		51		2

JUVENILE ARREST RECORD

<u>MONTH</u>	<u>300 Y A B *</u>	<u>300 - REPRIMAND</u>	<u>100 - Y A B*</u>	<u>100 - REPRIMAND</u>	<u>OTHER</u>
January 10					
	1- Norman Rd & Woodbine Ave.	1-South St. School	1- 235 Delavan Ave.	2 - 117 Penn. Ave.	
February 10	1- Norman Rd & Woodbine Ave.	1-Chancellor St. 1-Abington Ave. 2-Abington Ave. 1-Avon Ave. School	" " "	1- 235 Delavan Ave	
March 9					
April 12	1-Abington Ave Sch. 2 Poshine Ave. Sch. (reprimand)	1-Cedar & Broad Sts 1-Madison Ave. Sch. 1-Garfield St.Sch.	2- 616 So. 20th St. 4- 17 Harding Ter.		
May 14		1-Alexander St.Sch. 1-Alexander St.Sch. 1-Jussex Ave. Sch. 1-Clinton P.Jr.H. 1-Madison Ave. Sch. 1-So. 20th St. & 13th Ave. 1-Maple Ave. Sch. 1-Poshine Ave.Sch.	2 - 2 Quitman St. 1 - 812 - 17th St.	1 - 61 - 3rd Ave. 1 - 61 - 3rd Ave.	1-Throwing can at Fireman-YAB
June 21		3-10th St.&Woodld 1-Summer Ave. Sch 1-14th Ave School 1-Central &Fairmt 2-Da;ton St. Sch. 1-Madison Ave.Sch.	1 - St.Michaels Sch 1 - 81 Broad St. 1 - Hawkins St. Sch 1 - 130 Chapel St. 1 - 392 Littleton 1 - 333 Littleton 2 - 89 Pen. Ave. 1 - 7th Ave., Jr.H.S.	1 - 112 Orchard St.	1-Throwing rock at fireman(reprimand) 1-Damaging fire hydrant (YAB)
July 5		1-Broad;ly & 7thAv	2 - Miller's Park		
			1 - 111 Orchard St. 1 - 165 So. 11th St,		

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*Referred to Youth Aid Bureau

Arson Squad (8)

Arson Squad investigations into fires that occurred during 1970

<u>Type of Structure</u>	<u>No. of Investigations</u>
1. Public Assembly	
a. Government building	2
b. Taverns, clubs, dance halls	14
c. Schools	70
d. Amusement buildings	1
e. Churches	10
2. Dwellings	
a. Hotels/motels	10
b. Rooming houses	18
c. tenements, apartment houses	1,026
d. Stores and dwellings	
e. One- and two-family dwellings	92
	41
3. Institutions	
a. Hospitals	2
b. Nursing homes	0
c. Orphanages	0
4. Mercantile	
a. Office buildings	4
b. Small retail	16
c. Large single occupancy	12
d. Multiple occupancy	3
e. Wholesale houses	1
f. Storage warehouses	9
g. Restaurants	6
h. New building under construction	1
5. Manufacturing	
a. Textile - fabric	2
b. Metal shops	4
c. Woodworking	0
d. Food products	4
e. Chemical works	6
f. Flammable liquids, gas	0
g. Multiple occupancy	0
h. Factories	44
i. Electrical power distributor	0
j. Sewer pipe	1
6. Miscellaneous	
a. Lumber yards	0
b. R. R. wharves and properties	2
c. Bulk oil and gas storage	0
d. Public garages	6
e. Private garages	23
f. Service stations	4
g. Miscellaneous sheds, mail boxes	42
h. Vehicles	119
i. Rubbish	177
j. Brush and grass	28

Juvenile Arrest Record (2)

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<u>MONTH</u>	<u>300 YAB*</u>	<u>300 REPRIMAND</u>	<u>100 YAB*</u>	<u>100 REPRIMAND</u>	<u>OTHER</u>
August 5				2- 207 Hansbury Ave 3- 636 - 15th Ave.	
September 3			3- 83 Penn Ave.		
October 10		1-Quitman St.Sch. 1-Hawkins St. 1-Springfield & William 1-Cleveland Jr.H.	1- 469 So. 10th St. 3-23 Garside St.	1- 145 7th Ave. 1- Broad & Camp Sts.	
November 5		1-Bergen St. Sch. 1-Edway Jr. H.S. 1-McKinley Sch. 1-Quitman St.Sch.			
December 3		1-Martin Luther King School 1-Avon Ave. Sch.	1- 1897 McCarter Highway		
TOTAL	5	49	35	15	3

Referred to Youth Aid Bureau

Bureau of Combustibles (1)

ANNUAL REPORT FOR 1971
FIRE PREVENTION DIVISION
BUREAU OF COMBUSTIBLES

1971 YEARLY REPORT TOTALS

BELL ALARMS TRANSMITTED-----	12944
SIGNAL 5 ALARMS TRANSMITTED-----	9437
TOTAL ALARMS TRANSMITTED-----	22381
BUILDING FIRES-----	4860
NON-BUILDING FIRES-----	4567
TOTAL ACTUAL FIRES-----	9427
TOTAL FALSE ALARMS-----	5406
TOTAL VEHICLE FIRES-----	1447
NON-FIRE EMERGENCIES----- (Smoke-Drills-Demonstrations)	4567
OUT OF CITY RESPONSES-----	7
OUT OF CITY ASSISTANCE TO NEWARK----- (7 Companies)	2
2nd ALARM FIRES-----	74
3rd ALARM FIRES-----	9
4th ALARM FIRES-----	2
TOTAL FIRE DEATHS-----	40
TOTAL BUILDING INSPECTIONS-----	35458
TOTAL FIRE CODE VIOLATIONS FOUND-----	1812
TOTAL PERMIT FEES COLLECTED-----	\$50,988.00
TOTAL PERMITS ISSUED----- (Miscellaneous permits---6203) (Oil & equipment permits-- 318) (Theater operator permits- 43)	6564
SPECIAL BUREAU DETAILS----- (Public gatherings)	180
FIRE PREVENTION DEMONSTRATIONS----- (Schools-Hospitals-Institutions)	227
PLANS EXAMINED AND APPROVED----- (Re:Sprinklers-standpipes)	66
FIRE LECTURES (School children)----- (Total children involved - 28310)	146

Bureau of Combustibles (2)
1971 DISTRICT INSPECTORS WORK TOTALS

DISTRICT	COMBUSTIBLE PERMITS DUE	PERMITS COLLECTED	BUILDING INSPECTIONS	VIOLATIONS FOUND	FIRES INVEST.
1. Vailsburg area	366	351	2409	102	186
2. Weequahic area	360	345	1931	196	87
3. Central ward (lower)	55	52	1952	24	68
4. Roseville area	456	436	1614	215	113
5. Central ward	360	344	2168	318	141
6. Downtown (upper)	140	133	1079	32	11
7. North ward area	300	292	1565	49	59
8. North ward area	542	535	2026	105	121
9. Weequahic (lower)	568	552	2172	146	104
10. Clinton Hill area	118	117	1482	92	127
11. Down neck area	517	489	1902	71	72
12. Downtown	375	344	1782	120	41
13. Down neck area	496	496	1162	26	18
14. East ward	378	368	1468	18	25
15. Port area	580	572	1976	16	27
16. Clinton Hill area	82	80	799	74	84
Schools - Colleges	-	-	721	116	75
Hospitals-Pre-schools	18	18	995	38	15
Hotels - Motels	17	16	1096	33	18
Theaters - Bingo	11	10	600	1	-
(2)Fire Investigators	-	-	4299	-	4299
Emergency(Office Personnel)	-	-	460	20	-
TOTALS	5739	5550	35458	1812	5691

Bureau of Combustibles (3)

(Inspectors work totals continued)

BREAKDOWN OF FIRE CODE VIOLATIONS FOUND

Cellar-----	279
Ceiling over furnace-----	69
Chimney-----	34
Clothing (flammable)-----	2
Debris and rubbish-----	500
Exits - exit signs-----	170
Electrical-----	96
Extinguishers-----	210
Filters and grease ducts-----	35
Fire alarm systems-----	62
Fire escapes-----	192
Fireproofing-----	79
Flammable liquids-----	86
Housekeeping-----	97
Junk-----	91
Oil burner-----	113
Oil and grease spills-----	25
Panic bars or egress doors-----	16
Permits (delinquent)-----	158
Salamander-----	4
Shut-off valve-----	16
Siamese caps & connections-----	31
Sprinkler-----	67
Standpipe-----	41
Stairwells-----	66
Storage-----	80
Vacant buildings-----	779
Vehicles (blocking exits)-----	32
Weeds and brush-----	149

6288 - NOTICES - VIOLATION LETTERS sent to Owners, Tenants, Agents,
to correct violations

DISPOSITION OF FIRE CODE VIOLATIONS

RECEIVED FROM	TOTAL RECEIVED	REFERRED TO OTHER DEPT'S	CORRECTED
Bureau inspectors checking districts	1146	349	456
In-service company inspections	391	27	349
Telephone and letter complaints	275	7	229
TOTALS	1812	383	1034

Bureau of Combustibles (4)

1971 - YEARLY DISPOSITION OF COURT CASES BY THE BUREAU

MONTH	TOTAL HEARINGS	VACANT BLDG. HEARINGS	OCCUPIED BLDG. HEARINGS	VACANT BLDG. FINES COLLECTED	OCCUPIED BLDG. FINES COLLECTED	TOTAL FINES COLLECTED
Jan.	84	61	23	\$2600.00	\$100.00	\$2700.00
Feb.	93	63	30	6625.00	335.00	6960.00
Mar.	61	41	20	1675.00	25.00	1700.00
Apr.	68	49	19	130.00	360.00	490.00
May	92	70	22	5315.00	45.00	5360.00
Jun.	55	33	22	3030.00	25.00	3055.00
Jul.	86	55	31	1350.00	3050.00	4400.00
Aug.	82	53	29	-----	145.00	145.00
Sep.	42	24	18	4725.00	715.00	5440.00
Oct.	87	58	29	5105.00	40.00	5145.00
Nov.	92	64	28	12825.00	4505.00	17330.00
Dec.	71	50	21	19050.00	-----	19050.00
Totals	913	621	292	\$62430.00	\$9345.00	\$72775.00

YEARLY COMPARISON CHART - BUREAU COURT CASES

YEAR	COURT CASES INITIATED	TOTAL FINES COLLECTED
1952	-----	None -----
1953	-----	None -----
1954	-----	None -----
1955	-----	None -----
1956	-----	None -----
1957	-----	None -----
1958	-----	None -----
1959	-----	None -----
1960	-----	None -----
1961	-----	None -----
1962	-----	None -----
1963	-----	None -----
1964	-----	None -----
1965	-----	None -----
1966	-----	None -----
1967	-----	\$25.00
1968	-----	\$500.00
1969	-----	\$4885.00
1970	-----	\$12960.00
1971	-----	\$51452.00
		\$72775.00

Bureau of Combustibles (5)

1971 - VACANT BUILDING STATISTICS

1135 - Actual Fires

1 Bowling alley
5 Churches
1 Yacht Club
12 Restaurants
18 Taverns
1 Lunchroom
2 Theaters
32 One family dwellings
190 Two family dwellings
122 One or two unit apartments w/business
275 Three to twenty units w/business
261 Three to twenty units w/o business
13 Over twenty unit apartments
7 Hotels
2 Supermarkets
6 Grocery stores
4 Liquor or beverage stores
6 Delicatessens
2 Clothing stores
2 Shoe stores
4 Furniture stores
2 Appliance stores
2 Hardware stores
2 Wallpaper-paint stores
1 Appliance repair store
2 Book or stationary stores
1 Newspaper-tobacco shop
11 Drug stores
1 Barber-beauty shop
2 Laundry-dry cleaner pick up shops
2 Home maintenance service shops
5 Service stations, public
9 Vehicle repair and paint shops
2 Vehicle accessory sales shops
1 Department store
10 Variety stores, small
4 Variety stores, large
1 General item store
4 General business offices
1 Basic industry, unclassified
5 Bakery products mfg.
3 Breweries
2 Textile finishing plants
3 Leather products mfg.
1 Printing, publishing industry
1 Paints, adhesive mfg.
1 Metal products mfg.
2 Instrument mfg.
6 Laundry, dry cleaning plants
8 General maintenance shops

Bureau of Combustibles (6)
 (Continued) Vacant building report

2 Hardware storage
 22 Garage, residential parking
 36 General warehouses
 10 Buildings under construction
 2 Buildings under demolition
 7536 Inspections and re-inspections
 779 Found in violation of Fire Code
 4381 Violation notices sent to owners to raze, rehabilitate, or secure
 536 Buildings razed
 56 Buildings rehabilitated
 507 Buildings properly secured
 2035 Buildings still vacant and standing (either whole or partial), as of latest inspection survey

HI-RISE BUILDING REPORT

N. H. A.	ACTUAL FIRE	INCINERATORS	FALSE ALARM	OTHER AUTO BRUSH	TOTAL RESPONSE
BAXTER TERRACE-----	3	-	-	1	4
BRADLEY COURT-----	1	-	-	2	3
COLUMBUS HOMES-----	170	54	18	51	293
FELIX FULD-----	7	5	1	7	20
HAYES HOMES-----	52	20	7	7	86
HAYES ELDERLY-----	-	1	-	2	3
HYATT COURT-----	10	6	3	9	28
KRETCHMER HOMES-----	58	62	9	40	169
PENNINGTON COURT-----	2	1	2	2	7
ROOSEVELT HOMES-----	8	2	1	8	19
SCUDDER HOMES-----	149	93	21	46	309
SCUDDER ELDERLY-----	1	-	-	-	1
SETH BOYDEN COURT-----	9	-	-	9	18
SETH BOYDEN ELDERLY-----	-	-	-	1	1
STEPHAN CRANE-----	2	-	8	3	13
STEPHAN CRANE ELDERLY-----	1	2	-	-	3
STELLA WRIGHT HOMES-----	62	45	14	18	139
WALSH HOMES-----	39	35	21	38	138
<hr/>					
TOTALS	574	326	105	244	1254

OTHER THAN N. H. A.

ACADEMY SPIRES -----	10	57	5	14	86
CAMBRIDGE HOUSE -----	4	-	-	-	4
CHANCELLOR HOUSE-----	-	1	-	-	1
COLONADE APARTMENTS-----	1	-	3	2	6
CHALIS AUSTIN APTS-----	3	4	-	-	7

Bureau of Combustibles (7)

(Continued) Hi-Rise Building Report

	ACTUAL FIRE	INCINERATORS	FALSE ALARM	OTHER	TOTAL
				AUTO RESPONSE	BRUSH
OTHER THAN N. H. A.					
CUSTER ARMS	2	-	-	-	2
DOUGLAS HARRISON APTS	3	-	-	-	3
HALLMARK HOUSE	-	2	1	-	3
HILL MANOR	1	-	-	-	1
IVY HILL PARK APTS	18	9	6	15	48
MT. CALVARY APTS	3	-	-	-	3
PARK VIEW APTS	-	3	-	-	3
PARK VIEW TERRACE APTS	-	-	-	-	3
PARK WEST	-	1	-	3	3
POMONA GARDENS	-	1	-	-	1
ROSEVILLE APTS	-	6	-	-	6
299 CLINTON AVE APTS	-	-	-	2	2
TIM STILL APTS	2	-	-	-	2
UNIVERSITY COURT	2	-	-	1	1
WEEQUAHIC PARK PLAZA	2	4	-	-	2
WEEQUAHIC PARK TOWERS	3	-	-	-	6
611 HIGH STREET	1	-	2	-	5
685 HIGH STREET	1	3	-	-	4
715 HIGH STREET	-	-	-	-	1
730 HIGH STREET	8	-	1	-	1
738 HIGH STREET	7	-	-	-	8
15 GRAFTON AVENUE	-	1	-	-	7
801 NORTH SIXTH STREET	-	1	-	-	1
515 ELIZABETH AVENUE	-	-	-	3	3
TOTALS	71	92	18	40	221

Bureau of Combustibles (8)

PUBLIC SCHOOL REPORT

SENIOR HIGH SCHOOLS	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSES
ARTS-----	-	3	17	4	24
BARRINGER-----	-	1	1	-	2
CENTRAL-----	3	-	-	-	3
EAST SIDE-----	3	3	13	-	19
SOUTH SIDE-----	1	9	14	-	24
VAILSBURG-----	2	-	9	4	15
WEEQUAHIC-----	1	18	22	7	48
WEST SIDE-----	-	40	12	2	54

JUNIOR HIGH SCHOOLS

BROADWAY-----	-	1	4	-	5
CLINTON PLACE-----	4	16	15	7	42
SEVENTH AVENUE-----	2	7	3	1	13
WEBSTER-----	3	13	12	-	28
WEST KINNEY-----	1	3	10	3	17

ELEMENTARY SCHOOLS

ABINGTON AVE-----	-	28	19	-	47
ALEXANDER ST-----	-	5	1	-	6
ANN ST-----	-	--	4	3	7
AVON AVE-----	2	8	18	-	28
BELMONT - RUNYON-----	-	-	7	1	8
BERGEN ST-----	-	9	10	-	19
BRAGAW AVE-----	-	4	4	2	10
BROADWAY-----	-	5	-	1	6
BURNET ST-----	-	9	11	-	20
CAMDEN ST-----	-	10	2	1	13
CENTRAL AVE-----	-	4	5	1	10
CHANCELLOR AVE-----	-	13	11	1	25
CHANCELLOR ANNEX-----	-	1	-	-	1
CHARLTON ST-----	4	30	23	4	61
CLEVELAND-----	1	13	13	-	27
CLINTON AVE-----	-	1	1	-	2
DAYTON ST-----	2	54	10	10	76
EIGHTEENTH AVE-----	-	2	3	2	7
ELLIOTT ST-----	-	9	9	-	18
FIFTEENTH AVE-----	1	6	8	3	18 (Chris. Columbus)
FIRST AVE-----	-	1	4	-	5
FOURTEENTH AVE-----	-	16	9	-	25
FRANKLIN-----	1	8	3	3	15
GARFIELD-----	1	15	5	2	23
HAWKINS STREET-----	2	18	15	1	36
HAWTHORNE AVE-----	5	35	12	3	55
HUDSON ST-----	-	-	-	-	-
LAFAYETTE ST-----	1	-	3	-	4
LINCOLN-----	1	-	7	2	10

Bureau of Combustibles (9)

Public School report (Continued)

ELEMENTARY SCHOOLS	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSES
MADISON-----	4	33	14	1	52
MAPLE AVE.-----	1	24	22	1	48
MAPLE AVE. ANNEX-----	-	4	2	2	8
MCKINLEY-----	1	19	14	3	37
MILLER ST.-----	1	9	11	5	26
MORTON ST.-----	-	8	9	5	22
MT. VERNON-----	1	4	2	2	9
NEWTON ST.-----	2	32	4	3	41
OLIVER ST.-----	-	5	21	9	35
PESHINE AVE.-----	3	29	3	-	35
QUITMAN ST.-----	-	28	6	3	37
RIDGE ST.-----	-	3	3	3	9
ROB TREAT (Marcus Garvey) -	1	65	20	10	96
ROSEVILLE AVE.-----	3	3	-	-	6
SOUTH ST.-----	1	4	5	2	12
SO. 8th (Martin L. King) -	2	45	16	5	68
SO. SEVENTEENTH ST.---	1	10	7	-	18
SO. SEVENTEENTH ANNEX-	-	-	2	-	2
SO. SEVENTH ST.-----	-	-	-	-	-
SO. 10th (Harriet Tubman) -	-	3	1	2	6
SPEEDWAY AVE.-----	-	-	4	1	5
SPRINGFIELD AVE. COMM	1	2	-	-	3
SUMMER AVE.-----	-	7	5	1	13
SUMMER AVE. ANNEX-----	-	4	1	-	5
SUSSEX AVE.-----	-	5	1	-	6
SUSSEX AVE. ANNEX-----	-	1	3	-	4
WARREN ST.-----	-	8	-	1	9
WAVERLY AVE. (Rosa L. Parks)-	-	-	5	2	7
WILSON AVE.-----	-	10	10	2	22

SPECIAL SCHOOLS

ALYEA ST.-----	-	6	1	4	11
ARLINGTON AVE.-----	-	-	-	1	1
BOYLAN ST.-----	-	-	1	-	1
BRANCHBROOK-----	-	-	3	1	4
BRUCE ST.-----	1	3	3	2	9
CHESTNUT (Girls Trade) -	6	1	2	-	9
MONTGOMERY ST.-----	-	3	-	-	3
SO. 11th(John F.Kennedy) -	-	-	5	-	5
SOUTH MARKET ST.-----	-	1	-	-	1
THIRTEENTH AVE.-----	-	6	4	-	10
WOODLAND-----	2	1	1	3	7
(1971) TOTALS	73	804	565	140	1582
(1970) TOTALS	60	698	451	93	1302
(1969) TOTALS	38	488	504	95	1125

Bureau of Combustibles (10)

1971 MULTIPLE ALARMS 1971

DATE	ALARM	WHERE	OCCUPANCY	CAUSE
JANUARY				
7	2nd	749 So. 18th St	3 Occ 3 St Fr Tene	c/smoking
11	3rd	227-9 4th St	2 Occ 3 St Fr Tene	c/Matches
15	2nd	56-60 Kent St	Occ 2 St Br Fact.	Electrical
24	2nd	682 No. 5th St	Occ 3 St Fr Dwell	Undetermined
30	3rd	82-84 Frelinghuysen	1 St Br Tire Store	Undetermined
FEBRUARY				
10	2nd	67 Lexington St	2 St Br Chem Plant	Explosion
18	2nd	66 Summer Ave	Vac 3 St Fr Fact	Incendiary
21	2nd	317-19 Clinton Pl	2 Vac 2 St Fr Dwell	Incendiary
MARCH				
11	2nd	419 So. 10th St	Occ 4 St Fr Tene	c/matches
20	3rd	491-7 So. 11th St	4 Occ 3 St Fr Dwell	Incendiary
22	2nd	341-5 Fairmount Ave	2 Vac 3 St Fr Dwell	Incendiary
24	2nd	285 Orange St	Vac 3 St Fr Dwell	Incendiary
24	2nd	491-3 So. 11th St	2 Vac 3 St Fr Dwell	Incendiary
25	3rd	111 N.J.R.R.Ave	Occ 3 & 4 St Br Fact	Undetermined
25	2nd	257 Chestnut St	Occ 1 St Br Warehouse	Undetermined
30	2nd	409-11 Hawthorne Ave	2 Occ 3 St Fr Dwell	Undetermined
APRIL				
2	2nd	287-95 New St	4 Occ & 1 Vac 3 St Fr Dwell	Undetermined
4	2nd	25 Bruen St	Occ 2 St Br Print Shop	Undetermined
9	2nd	103-9 Peshine Ave	3 Occ 3 St Fr Dwell	Incendiary
9	2nd	45-9 Stratford Pl	2 Occ 2 St Fr Dwell	Undetermined
9	2nd	582-4-6 So. 10th St	Occ 3 St Fr Tene	Undetermined
10	2nd	815-17-19 Hunterdon St	1 Occ & 1 Vac 3 St Fr Dwell	c/matches
10	2nd	13-2=4 Elizabeth Ave	2 Occ 3 St Fr Dw w/stores	Undetermined
11	2nd	217 Hunterdon St	Occ 3 St Fr Dwell	S/C refrig.
19	2nd	439 Clinton Ave	Vac 3 St Fr Dw w/stores	Undetermined
23	3rd	23 Campfield Ct.	Occ 5 St Br Warehouse	Undetermined
25	2nd	32 Cutler St	Vac 4 St Br Dwell	Incendiary
29	2nd	476-8-80 So. 13th St	3 Occ 3 St Fr Dwell	Incendiary
MAY				
5	3rd	132-42 So. 6th St	2 Occ & 2 Vac 3 St Fr Dwell	Incendiary
5	2nd	125-7 7th Ave	Vac 4 St Br Dwell	Incendiary
8		216-222 Camden St	2 Occ & 2 Vac 3 St Fr Dwell	Incendiary
23	2nd	12-14 Quitman St	Vac 3 St Fr Dwell	Incendiary
24	2nd	142 So. 6th St	Vac 3 St Fr Dwell	Incendiary
28	2nd	335-9 Waverly Ave	1 Vac 2 St & 1 Vac 3 St Fr Dw.	Incendiary
JUNE				
1	2nd	509 18th Ave	Occ 3 St Fr Dwell	Incendiary
6	2nd	266 Park Ave	Occ 3 St Fr Tavern & Dwell	Incendiary
7	4th	323-5-7-9 Sussex Ave	2 Occ & 2 Vac 3 St Fr Dwell	Incendiary
7	2nd	2141 McCarter Hwy	Drum storage in yard(chemical) C/matches	
10	2nd	44 Garside St	Vac 4 St Br Tene	Incendiary
13	2nd	516 Springfield	Occ 3 St Fr Store & Dwell	Undetermined
18	2nd	13-15 Norfolk St	Vac 2 & 3 St Fr Dwell	Undetermined
19	2nd	1C Earl St	Vac 3 St Fr Dw	Incendiary

Bureau of Combustibles (11)

Multiple Alarms (continued)

		1971 MULTIPLE ALARMS		1971
DATE	ALARM	WHERE	OCCUPANCY	CAUSE
JUNE				
19	2nd	711 So. 17th & 59-63	19th Avel Occ & 1 Vac 3 St Fr Dw	Incendiary
24	2nd	250 Frelinghuysen Av	1 St Fr Freight platform	Undetermined
25	2nd	255-59 Camden St	1 Occ & 1 Vac 3 St Fr Dw	Incendiary
26	2nd	303-07 Peshine Ave	Vac 3 St Fr Dwell	Incendiary
27	2nd	113 No. 13th St	Occ 1 St Fr Factory	Undetermined
30	2nd	76-78-80 Thomas St	Occ 3 St Fr Dwells	Incendiary
JULY				
4	2nd	748-50 Hunterdon St	Vac 3 St Fr Dwell	Incendiary
4	2nd	190 Clifford St	1 St metal whse	Undetermined
11	2nd	80-86 Dickerson St	Vac 2 St Br Fact	Incendiary
13	2nd	14 Green St	Occ 3 St Br Dw & Store	Electrical
13	2nd	24-26-28 Broad St	1 Occ 4 StBrDw & 1 Vac 2½ StFrDw	Incendiary
14	2nd	333 Fairmount Ave	Vac 3 St Fr Dw	Incendiary
14	2nd	106-110-112 Orchard St	2 Vac 3 St Fr Dw & 1 Occ 2 St Fr Dw	Incendiary
16	2nd	158-62 Orchard St	Vac 3 St Fr Dw	Incendiary
16	3rd	54-60 Summer Ave	Vac 3 St Br Fact	Incendiary
18	3rd	79-89 Clinton Ave	Occ 1 St Br Supermarket	Undetermined
19	2nd	83 Clinton Ave	Occ row of 2 St Fr Garages	Incendiary
24	2nd	56-58 High St	2 Occ 3 St Fr Dwells	c/matches
26	2nd	2145 McCarter	Occ 1 St Br Fact	Accidental
28	2nd	515 Hunterdon St	Occ 2 St Br Warehouse	Undetermined
29	2nd	276-8-80 Hunterdon St	3 Occ 3 St Fr Dw	Incendiary
AUGUST				
2	2nd	591-3 Orange St	Vac 3 St Fr Dw	Incendiary
13	2nd	469-71 Bergen St	Vac 2½ & 3 St Fr Dw & Store	Incendiary
13	2nd	83-5 Crane St	Vac 4 St Fr Dw	Incendiary
18	2nd	325-7 Elizabeth Ave	4 Vac 3 St Fr Dw	Incendiary
21	2nd	7-9-11 Hillside Ave	Vac 4 St Br Apts	Incendiary
24	4th	Littleton & Fairmount	9 Vac 8 & 3 Occ 3 St Fr Dw	Incendiary
25	3rd	247-51 West Runyon St	3 Occ 3 St Fr Dw	Incendiary
27	2nd	297-99 Jelliff Ave	Vac 3 St Fr Dw	Incendiary
31	2nd	134-6 No. 13th St	Vac 3 St Fr Dw	Incendiary
31	2nd	463 South 11th St	Vac 3 St Fr Dw	Incendiary
SEPTEMBER				
18	2nd	90-92 Hawthorne Ave	2 Vac 3 St Fr Dw	Incendiary
26	2nd	Foot of Center St	AL & S Co 1 St Warehse	Undetermined
30	2nd	14-16 Richmond St	Occ 3 St Fr Dw	Undetermined
OCTOBER				
2	2nd	54-58 Summer Ave	Vac 3 St Br Dw	Undetermined
16	2nd	421-3-5 15th Ave	1 Occ 2½ & 1 Vac 3 St Fr Dw	Undetermined
NOVEMBER				
6	2nd	569 Springfield Ave	Occ 2 St Br & Fr Dw & Rest.	C/cooking
9	2nd	148 Ferry St	3 Occ 3 St Fr Dw	Undetermined
12	2nd	636-38 Hunterdon St	3 Occ 3 St Fr Dw	Undetermined
13	2nd	412-18 15th Ave	Vac 3 St Fr Dw	Incendiary
19	2nd	310 Orange St	Vac 4 St Br Apts	Incendiary
DECEMBER				
19	2nd	125-27 17th Ave	Occ 4 St Br Apts	(Pg)
31	2nd	334-42 Broadway	5 Occ 3 St Br Dw	(26)

Bureau of Combustibles (12)

YEAR	TOTAL	FIRE DEATHS					
		Under 6 yr.	Age 7 to 17	Age 18 to 30	Age 31 to 50	Age 51 to 70	Age over 70
1960	15	6	-	1	2	5	1
1961	25	4	3	3	7	5	3
1962	26	7	1	5	4	8	1
1963	28	10	1	2	7	7	1
1964	25	2	3	1	9	5	5
1965	38	5	2	9	14	6	2
1966	37	19	2	3	8	2	3
1967	25	10	1	1	6	5	2
1968	28	3	2	5	11	6	1
1969	24	6	-	1	3	10	4
1970	36	9	4	1	6	12	4
1971	40	7	8	5	8	11	1

1971 YEARLY FIRE AND INSPECTION BREAKDOWN

	FIRE	INSPECTIONS	VIOLETIONS
1. PUBLIC ASSEMBLY			
11. AMUSEMENT-RECREATION PLACES(Fixed Use)			
111. Bowling-----	1	1	-
112. Billiard-----	2	2	-
113. Amusements-----	-	19	1
116. Swimming-----	1	2	-
12. AMUSEMENT-RECREATION(Variable use)			
121. Ballroom, gym-----	-	25	-
122. Exhibition hall-----	-	130	-
123. Arena-----	-	6	-
13. CHURCHES, FUNERAL PARLORS			
131. Church-----	2	14	-
132. Religious education---	2	8	-
133. Church hall-----	4	13	3
14. CLUBS			
141. City club-----	1	48	2
143. Yacht club-----	1	4	-
15. LIBRARY, MUSEUM, COURT ROOM			
151. Library-----	-	7	2
152. Museum, art gallery---	-	3	-
154. Memorial structure---	-	1	-
155. Court room-----	-	1	-

Bureau of Combustibles (13)

(Continued) 1971 YEARLY FIRE AND INSPECTION BREAKDOWN

		FIRES	INSPECTIONS	VIOLATIONS
16.	EATING, DRINKING PLACES			
161.	Restaurant-----	19	365	1
163.	Tavern-----	28	2144	14
164.	Lunchroom, drive-in-----	2	41	1
17.	PASSENGER TERMINALS			
171.	Airport-----	1	12	-
173.	Bus terminal-----	-	6	-
174.	Street level rail terminal--	1	5	-
175.	Underground rail terminal---	1	3	-
176.	Elevated rail terminal-----	-	3	-
18.	THEATERS, STUDIOS			
182.	Auditorium-----	1	-	-
183.	Motion picture theater-----	-	600	1
2.	EDUCATION			
21.	SCHOOLS, NON-RESIDENTIAL			
211.	Nursery school-----	-	185	-
212.	Kindergarten-----	-	3	-
213.	Elementary-----	44	392	46
214.	Junior High-----	10	11	4
215.	High school-----	10	50	29
22.	SCHOOLS, RESIDENTIAL			
221.	School classroom building--	-	20	-
23.	TRADE AND BUSINESS SCHOOLS			
231.	Vocational school-----	-	52	8
232.	Business school-----	3	8	2
233.	Specialty school-----	9	34	-
234.	Rehabilitation center-----	-	52	-
24.	COLLEGE AND UNIVERSITY			
241.	Junior college-----	-	16	-
242.	College, university classroom bldg 1		72	20
3.	INSTITUTION			
31.	CARE OF THE AGED			
311.	Care of the aged,w/nursing-	4	83	1
312.	Care of the aged,no/nursing-	-	21	-
32.	CARE OF THE YOUNG			
321.	Day care center-----	-	131	14
322.	Childrens home, orphanage--	-	8	-
33.	CARE OF THE HANDICAPPED,SICK, INJURED			
331.	Hospital-----	13	112	6
333.	Institution,deaf,dumb,blind-	-	2	-
334.	Clinic-----	-	27	-
34.	CARE OF THE PHYSICALLY RESTRAINED			
341.	Prison cell, men-----	1	4	-
342.	Prison cell, women-----	-	1	-
343.	Juvenile home-----	-	8	-
345.	Police station-----	1	3	-
346.	Vocational rehabilitation center -		7	1

Bureau of Combustibles (14)

(Continued) 1971 YEARLY FIRE AND INSPECTION BREAKDOWN

	FIRE	INSPECTIONS	VIOLATIONS
4 RESIDENCE			
41. DWELLINGS, ONE AND TWO FAMILY			
411. Year round use, 1 family----	161	135	4
412. Seasonal use, 1 family-----	-	1	-
413. Seasonal use, 1 fam.off season-	-	2	-
414. Year round use, 2 family----	662	1543	63
416. Seasonal use,2 fam.off season-	-	2	-
42. APARTMENTS, TENEMENTS, FLATS			
421. 1 or 2 units w/business-----	42	44	30
422. 3 to 20 units w/business-----	327	1400	250
423. 3 to 20 units w/o business---	1160	2997	20
424. Over 20 units-----	645	710	24
43. ROOMING, BOARDING, LODGING HOUSES			
431. 4 to 8 roomers-----	2	27	5
432. 9 to roomers-----	2	25	4
44. HOTELS, INNS, LODGES(Interior entry only)			
441. Year round use-----	20	1000	30
442. Seasonal, in season-----	-	3	-
443. Seasonal, off season-----	-	1	-
444. Transient, dormitory type----	3	6	2
45. MOTOR HOTELS, MOTELS(exterior entry)			
453. Over 20 units-----	2	86	1
46. DORMITORIES			
462. Fraternity, sorority-----	-	11	7
463. Nurses quarters-----	-	38	-
465. Convent, monastery-----	-	2	-
466. Bunk house-----	-	10	-
47. MOBILE HOMES, TRAILERS			
471. Mobile home-----	-	1	-
473. Camping trailer-----	1	-	-
475. House boat-----	-	1	-
49. OTHER RESIDENTIAL OCCUPANCIES			
491. Childrens playhouse-----	3	1	-
5. STORES AND OFFICES			
51. FOOD AND BEVERAGE SALES			
511. Supermarket-----	5	64	2
512. Grocery store-----	5	97	2
513. Specialty food store-----	-	43	1
514. Liquor, beverage store-----	10	181	2
515. Creamery, dairy store-----	-	5	-
516. Delicatessen-----	2	9	-
52. TEXTILE,WEARING APPAREL SALES			
521. Clothing store-----	9	149	4
522. Clothing acc., shoe store---	2	108	6
523. Shoe repair shop-----	1	22	-
524. Tailor, dressmaking shop----	-	61	1
525. Fur store-----	1	74	-
526. Dry goods store-----	1	22	-

Bureau of Combustibles (15)

(Continued) 1971 Yearly Fire and Inspection Breakdown

	FIRES	INSPECTIONS	VIOLATIONS
53. HOUSEHOLD GOODS, SALES AND REPAIR			
531. Furniture store-----	12	164	4
532. Appliance store-----	6	98	2
533. Hardware store-----	4	82	2
534. Music store-----	-	25	-
535. Wallpaper, paint store-----	-	34	3
536. Rug, floor covering store---	25	-	-
537. Furniture repair shop-----	1	20	-
538. Appliance repair shop-----	2	27	-
54. SPECIALTY SHOPS			
541. Book, stationery store-----	2	42	2
542. Newsstand, tobacco shop-----	1	31	-
543. Drug Store-----	1	178	-
544. Jewelry store-----	-	52	-
545. Gift shop-----	1	38	-
546. Leather goods shop-----	1	17	-
547. Florist, greenhouse-----	-	15	-
548. Optical goods sales-----	-	42	-
55. RECREATION, HOBBY, HOME REPAIR SALES			
551. Hobby, toy shop-----	-	8	-
552. Sporting goods sales-----	1	16	1
553. Photo supply sales-----	-	11	-
554. Garden supply store-----	-	1	-
555. Retail lumber sales-----	1	17	1
556. Pet store, animal hospital--	-	12	-
557. Barber, beauty shop-----	-	26	-
56. PROFESSIONAL SUPPLIES AND SERVICES			
561. Professional supply sales---	4	18	-
562. Trade supply sales-----	-	37	-
563. Art supply sales-----	-	15	-
564. Laundry,dry cleaners,self/serv-	4	212	20
566. Laundry,dry cleaner pickup shop-	1	99	1
567. Home Maintenance services---	-	30	-
568. Restaurant supplies, services-	1	27	-
57. MOTOR VEHICLE,BOAT SALES AND SERVICE			
571. Service station, public-----	11	301	8
572. Service station, private----	-	21	-
573. Vehicle repair, paint shop--	8	446	19
574. Vehicle and trailer sales---	1	55	-
575. Vehicle accessory sales-----	-	51	1
576. Boat sales-----	-	3	-
577. Marine service station-----	-	1	-
578. Car washing facility-----	3	18	-
58. GENERAL ITEM STORES			
581. Department store-----	5	34	-
582. Variety store, small-----	8	181	2
583. Variety store, large-----	2	27	-
589. General item store-----	15	22	-

Bureau of Combustibles (16)

(Continued) 1971 YEARLY FIRE AND INSPECTION BREAKDOWN

		FIRES	INSPECTIONS	VIOLATIONS
59.	OFFICES			
591.	General business office-----	45	367	12
592.	Bank-----	-	2	-
593.	Medical research office-----	-	7	-
594.	Engineering,architects office-	-	13	-
595.	Mailing firm-----	-	6	-
596.	Post office-----	1	1	-
6.	BASIC INDUSTRY, UTILITY, DEFENSE			
62.	LABORATORIES			
621.	Chemical and medical=====	-	16	1
627.	Research general-----	-	6	-
63.	COMMUNICATIONS, DEFENSE, & DOCUMENT FACILITIES			
632.	Radio, radar site-----	-	2	-
633.	Fire, police communication center	1	4	-
634.	Telephone exchange-----	4	51	-
635.	Computer,data proc.center--	-	2	-
636.	Document, record repository-	-	3	-
64.	UTILITIES			
641.	Elec.light,power gen plant--	-	6	-
642.	Elec.light power distr.system	25	5	-
644.	Gas distr.system, pipeline--	1	3	-
646.	Steam system-----	-	28	-
647.	Water supply system-----	1	4	-
648.	Sanitary Service-----	51	19	-
65.	AGRICULTURE			
657.	Fruit, vegetable packing---	-	1	-
66.	FORESTRY, HUNTING, FISHING			
662.	Logging, log storage pile--	-	4	-
664.	Trees-----	13	14	-
68.	NON METALLIC MINERALS & PRODUCTS MFG.			
681.	Structural clay products---	-	1	-
682.	Glass mfg-----	-	30	1
683.	Glass container mfg-----	-	3	-
686.	Concrete batch plant-----	-	2	-
688.	Non metallic mineral prod.mfg-	10	23	-
7.	MANUFACTURE			
71.	FOOD			
711.	Slaughter,preserving of meat-	-	19	1
712.	Dairy products mfg-----	-	14	1
713.	Canning, fruits, vegetables-	-	2	-
714.	Canning, fish, sea foods---	-	2	-
716.	Bakery products mfg-----	7	180	1
717.	Sugar refining mfg-----	-	2	-
718.	Snack foods mfg-----	3	10	-
72.	BEVERAGES, TOBACCO, ESSENTIAL OILS			
721.	Distilling, blending spirits-	-	9	-
723.	Brewery-----	1	12	1
724.	Soft drink, carb.water distr..	-	7	1
725.	Tobacco products mfg-----	-	1	-
726.	Soap making-----	1	62	1

Bureau of Combustibles (17)

(Continued) 1971 YEARLY FIRE AND INSPECTION BREAKDOWN

	FIRES	INSPECTIONS	VIOLATIONS
73. TEXTILES			
732. Cotton, spinning, weaving---	-	5	-
734. Mixed fiber, spinning, weaving-	4	14	2
735. Textile finishing plant-----	-	9	-
736. Knitting mills-----	-	18	-
737. Cordage, rope mfg-----	-	2	-
738. Floor covering mfg no/rubber-	-	4	-
74. FOOTWEAR, WEARING APPAREL			
741. Footwear mfg-----	-	2	1
742. Wearing apparel mfg-----	-	134	3
743. Made-up textile goods mfg---	1	32	-
744. Tanneries-----	1	78	2
745. Fur, fur prod. mfg-----	-	30	-
746. Leather prod. mfg-----	-	30	-
747. Rubber prod.mfg-----	1	46	-
75. WOOD,PAPER,FURNITURE,PRINTING			
751. Sawmill-----	-	40	-
752. Wooden ware mfg-----	3	16	-
753. Wood, cork products mfg-----	-	63	1
754. Furniture mfg-----	-	142	3
755. Paper, paperboard mfg-----	5	33	-
756. Paperboard products mfg-----	1	62	-
757. Newspaper, magazine print.---	3	15	3
758. Print.publishing indust.-----	2	120	-
76. CHEMICAL, PLASTIC, PETROLEUM			
761. Indust. chemicals mfg-----	3	289	10
762. Hazardous chemical mfg-----	-	27	-
763. Plastic mfg-----	2	99	-
764. Plastic products mfg-----	2	95	-
765. Paints, adhesive mfg-----	7	180	8
766. Drugs, cosmetics mfg-----	-	35	-
767. Petroleum refin.gas mfg-----	3	39	-
768. Asphalt, coal prod. mfg-----	-	6	-
77. METAL, METAL PRODUCTS			
771. Iron and steel mfg-----	-	92	1
772. Non-ferrous metal mfg-----	5	102	3
773. Metal products mfg-----	12	370	4
774. Machinery mfg-----	-	279	2
775. Elec. machinery mfg-----	-	48	-
776. Elec. appliance mfg-----	-	63	-
78. VEHICLE ASSEMBLY OR MANUFACTURE			
781. Ship repairing(over 65 ft)--	-	11	-
782. Ship repairing(under 65 ft)-	-	2	-
783. Railway equip. mfg-----	1	13	-
784. Motor vehicle-----	3	46	1
786. Aircraft, rocket-----	-	1	-
787. Transport equipment-----	-	1	-

Bureau of Combustibles (18)

(Continued) YEARLY FIRE AND INSPECTION BREAKDOWN

	FIRES	INSPECTIONS	VIOLATIONS
79. OTHER MANUFACTURE			
791. Instrument mfg-----	1	45	-
792. Photo, optical goods-----	-	17	-
793. Watch and clock-----	-	1	-
794. Jewelry-----	-	92	-
795. Musical instrument-----	-	5	-
796. Laundry, dry clean-----	9	414	7
797. Photographic film lab-----	-	2	-
798. Toys, sporting goods-----	2	2	-
708. General maint. shop-----	21	17	-
8. STORAGE			
81. AGRICULTURE PRODUCTS STORAGE			
812. Boxed agricultural prod-----	-	23	1
813. Loose, bagged agri. prod-----	-	8	-
815. Barns, stables-----	-	2	-
82. TEXTILE STORAGE			
821. Baled cotton-----	1	2	-
824. Baled jute, hemp-----	-	3	-
825. Cloth, yarn-----	-	5	-
826. Wearing apparel-----	1	4	-
827. Leather products-----	-	1	-
828. Fur and hair products-----	-	1	-
83. PROCESSED FOOD, TOBACCO STORAGE			
831. Packaged foodstuff-----	2	4	-
832. Canned, bottled food/drink--	-	32	-
833. Loose, bagged food-----	-	2	-
834. Food locker plants-----	-	2	-
835. Cold storage-----	-	5	-
837. Bulk flour, starch-----	-	2	-
838. Packaged tobacco products---	-	7	-
84. PETROLEUM PRODUCTS, ALCOHOL BEVER			
841. Flam,comb, liquid tank-----	3	546	6
842. Gasometer, cryogenic gas----	-	5	-
843. LP gas bulk plant-----	31	-	
845. Packaged petroleum prod----	4	28	-
846. Alcoholic beverage-----	1	20	-
85. WOOD AND PAPER PRODUCTS STORAGE			
851. Lumberyard-----	2	90	-
852. Wood products-----	4	68	5
853. Fiber products-----	1	28	-
854. Rolled paper-----	2	1	-
855. Paper products-----	4	38	-
86. CHEMICAL OR PLASTIC PRODUCTS			
861. Industrial chemical-----	4	53	-
862. Hazardous chemical-----	2	110	2
863. Plastic, plastic products--	7	85	-
864. Fertilizer-----	-	1	-
865. Paint and varnish-----	1	32	-
866. Drugs and cosmetics-----	-	5	-
867. Rubber, rubber products-----	1	12	-
87. METAL AND METAL PRODUCTS STORAGE			
871. Basic metal form-----	-	32	2
872. Metal parts-----	5	7	-
873. Hardware-----	2	46	-
874. Machinery-----	-	15	--

Bureau of Combustibles (19)

(Continued) YEARLY FIRE AND INSPECTION BREAKDOWN

	FIREs	INSPECTIONS	VIOLATIONS
87. METAL AND METAL PRODUCTS STORAGE			
875. Elec. appliance supply-----	-	23	-
876. Finished metal products-----	1	27	1
877. Scrap and junkyards-----	12	226	-
88. VAHICLE STORAGE			
881. Garage, residential-----	36	1344	90
882. Garage, general veh. parking-	7	1559	15
883. Bus, truck fleet dealer-----	3	115	4
884. Heavy machine equipment-----	1	1	-
885. Marinas, boat, ship-----	2	1	-
886. Aircraft hanger-----	-	2	-
888. Fire stations-----	-	3	-
89. GENERAL ITEM STORAGE			
891. General warehouse-----	28	705	64
892. Bagged mineral products-----	1	2	-
893. Packaged mineral products---	2	19	-
894. Freight terminal-----	2	102	-
895. Coal, coke, charcoal-----	1	2	-
897. Ice storage-----	-	2	-
898. Wharf, pier-----	1	44	-
899. General item storage-----	-	9	1
9. SPECIAL PROPERTIES (Mainly outdoors)			
91. OUTDOOR PROPERTIES			
911. Brush grass-----	955	476	20
912. Dump-----	28	8	6
913. Fence, pole-----	9	2	-
914. Trash, rubbish, bonfire-----	2086	18	2
915. Mailbox-----	5	1	-
916. Oil slick, spilled debris--	28	1	-
92. SPECIAL PROPERTIES			
921. Bridge, trestle-----	2	1	-
924. Awning, canopy-----	2	-	-
925. Shelter(storm,bomb,fallout)-	-	2	-
93. CONSTRUCTION AND :UNOCCUPIED PROPERTY			
931. Building under construction-	1	42	-
932. Building under demolition--	3	-	-
933. Construction non-building--	-	5	-
935. Vacant buildings-----	1131	7536	779
936. Construction shed-----	-	3	-
938. Building under renovation--	-	2	-
94. WATER TRANSPORT VESSELS			
943. Ship, passenger-----	-	1	-
946. Ship, cargo-----	1	-	-
947. Nonself propelled vessel---	-	1	-
95. RAIL TRANSPORT VEHICLES			
952. Railroad car, freight-----	2	-	-
955. Roadbed maint. equip-----	1	5	-
957. Railroad yard-----	-	6	1

Bureau of Combustibles (20)

(Continued) YEARLY FIRE AND INSPECTION BREAKDOWN

	FIRE	INSPECTIONS	VIOLATIONS
96. ROAD TRANSPORT VEHICLES			
961. Auto, taxicab-----	1171	39	-
962. Bus, trackless trolley-----	5	1	-
963. Truck, compress. gas-----	-	217	13
964. Truck, flam. liquid-----	2	288	3
965. Truck, general-----	265	65	-
966. Motorcycle-----	4	-	-
97. AIR TRANSPORT VEHICLES			
974. Comm.aircraft,turbine eng--	1	-	-
98. CONSTRUCTION AND SPECIAL VEHICLES			
981. Construction equip-----	-	5	-
984. Industrial fork lift-----	2	1	1

1971 FIRES

E - AREA OF ORIGIN	YEARLY TOTAL
E0 - MEANS OF EGRESS	
E0 - 1 - Hallway or corridor-----	131
E0 - 2 - Stairway, exterior, fire escape-----	203
E0 - 3 - Stairway, interior-----	75
E0 - 5 - Lobby, entrance way-----	101
E0 - 9 - Other means of egress-----	33
E-1 ASSEMBLY AREA, GROUPS OF PEOPLE	
E 11 - Auditorium, chapel, theater-----	12
E 12 - Ballroom, gymnasium-----	68
E 13 - Classroom, meeting room-----	30
E 14 - Lounge area, TV room-----	19
E 15 - Sales, showroom area-----	15
E 19 - Other assembly area-----	13
E2 - PRINCIPAL FUNCTION AREA	
E 21 - Sleeping room, under 5 persons-----	405
E 22 - Sleeping room, 5 or more persons-----	2
E 23 - Dining area, lunchroom-----	17
E 24 - Lavatory, locker room-----	25
E 25 - Laboratory-----	2
E 29 - Other principal function areas-----	56
E 3 - AUXILIARY FUNCTION AREAS	
E 31 - Kitchen, cooking area-----	819
E 32 - Laundry room, wash room-----	21
E 37 - Office-----	30
E 38 - Process, manufacture area-----	22
E 39 - Other auxiliary function area-----	22
E 4 - STORAGE AREA	
E 41 - Product storage room, tank-----	17
E 42 - Closet-----	21
E 43 - Supply storage room, tool room-----	8
E 45 - Shipping, receiving loading area-----	11
E 46 - Trash, rubbish area-----	185
E 47 - Garage, carport-----	19
E 49 - Other storage area-----	23

Bureau of Combustibles (21)

(Continued) 1971 FIRES

	YEARLY TOTAL
E 5 - SERVICE FACILITIES	
E 51 - Dumbwaiter shaft, elevator-----	15
E 52 - Shaft, pipe or vent-----	12
E 53 - Shaft, light-----	2
E 55 - Duct spaces-----	6
E 56 - Display window-----	5
E 6 - SERVICE AND EQUIPMENT AREA	
E 61 - Machinery, engine room-----	5
E 62 - Heating equipment room-----	163
E 63 - Switchgear area, transformer vault-----	1
E 64 - Incinerator room, includes chutes-----	418
E 65 - Maintenance, repair shop-----	14
E 7 - STRUCTURAL AREAS	
E 71 - Crawl space-----	15
E 72 - Exterior balcony, open porch-----	762
E 73 - Ceiling & floor area w/concealed space-----	123
E 74 - Ceiling & roof w/concealed space-----	162
E 75 - Wall assembly w/concealed space-----	33
E 76 - Exterior wall space or surface-----	173
E 77 - Roof surface, exterior-----	316
E 78 - Awning-----	11
E 8 - SPECIAL AREAS	
E 81 - Lawn, field, open area-----	189
E 82 - Court, patio, terrace-----	46
E 83 - Transportation equip, engine area-----	517
E 84 - Transportation equip, fuel line-----	403
E 85 - Transportation equip, cab area-----	14
E 86 - Transportation equip, passenger area-----	273
E 87 - Transportation equip, trunk area-----	53
E 89 - Other special areas-----	9
E 9 - OTHER	
E 91 - Near RR right of way, embankment-----	184
E 92 - Near highway, public way, street-----	229
F - SOURCE OF HEAT OF IGNITION	
F 1 - HEATING SYSTEMS	
F 11 - Central heating unit-----	435
F 12 - Water heater-----	5
F 13 - Fixed or stationary local heating unit-----	14
F 14 - Fireplace, indoor-----	1
F 15 - Portable local heating unit-----	10
F 16 - Chimney, gas vent, flue-----	137
F 17 - Chimney connector, includes smoke pipe-----	30
F 18 - Steam line, heating pipe-----	264
F 19 - Heating system, not elsewhere classified-----	282
F 2 - COOKING EQUIPMENT	
F 21 - Fixed surface unit, incl. stoves-----	347
F 22 - Fixed oven, incl. rotisserie-----	12
F 23 - Fixed food warming appliance-----	4
F 24 - Deep fat fryer-----	12
F 25 - Portable cooking or warming unit-----	10
F 26 - Open fired grill-----	14
F 27 - Grease hood or duct-----	36
F 29 - Cooking equip. not elsewhere classified-----	10

F 3 - AIR CONDITIONING - REFRIGERATION EQUIPMENT		
F 31 - Central air cond. equipment-----	5	
F 32 - Water cooling device-----	1	
F 33 - Fixed refrig. unit, incl. freezer-----	10	
F 4 - ELECTRICAL DISTRIBUTION EQUIPMENT		
F 41 - Fixed wiring, incl. power lines, cables-----	97	
F 42 - Transformer-----	17	
F 44 - Panelboard-switchboard-fuses-----	11	
F 45 - Switch-receptacle-outlet-----	22	
F 46 - Lighting fixture, lamp, sign-----	55	
F 47 - Cord, plug, extension-----	29	
F 49 - Elec.distr.equip.not elsewhere classified-----	35	
F 5 - ELECTRICAL APPLIANCES AND EQUIPMENT		
F 51 - Television, radio, tape recorder-----	13	
F 52 - Dryer, incl. coin operated-----	14	
F 53 - Washing machine, incl. coin operated-----	10	
F 54 - Electric blanket, heating pad-----	5	
F 55 - Iron, incl. soldering, pressing-----	3	
F 56 - Floor care equip., vacuum cleaners-----	12	
F 57 - Separate motor or generator-----	27	
F 58 - Hand tools-----	5	
F 59 - Appliance equip. not elsewhere classed-----	15	
F 6 - SPECIAL EQUIPMENT		
F 61 - Electronic equip., x-ray, computer-----	3	
F 62 - Vending machine, drinking fountain-----	2	
F 63 - Office machine-----	6	
F 65 - Separate pump or compressor-----	2	
F 66 - Internal combustion engine-----	11	
F 68 - Printing press-----	3	
F 7 - PROCESSING EQUIPMENT		
F 71 - Furnace, oven or kiln-----	5	
F 77 - Chem.process equip., digester, reactor-----	6	
F 8 - SERVICE AND MAINTENANCE EQUIPMENT		
F 81 - Incinerator-----	418	
F 82 - Bearing or brake-----	39	
F 83 - Rectifier, charger, inverter-----	2	
F 84 - Tarpot, tar kettle-----	2	
F 85 - Arc or oil lamp-----	1	
F 86 - Vehicle-----	12	
F 87 - Elevator-----	11	
F 89 - Service & maint. equip., not classed-----	11	
G - FORM OF HEAT OF IGNITION		
G - I FUEL FIRED OBJECTS		
G 11- Spark, ember, flame, gas fueled equip-----	24	
G 12 - Heat, gas fueled equip. Inc. pilot light-----	80	
G 14 - Heat, liquid fueled equip-----	37	
G 17 - Spark, ember, flame, unknown fuel-----	3	
G - 2 - HEAT FROM ELEC. EQUIP. ARCING OR OVERLOAD		
G 21 - Short circuit arc, water caused-----	11	
G 22 - Short circuit arc, mechanical damage-----	21	
G 23 - Short circuit arc, defective insulation-----	27	
G 24 - Short circuit arc, unspecified-----	292	

Bureau of Combustibles (23)

(Continued) 1971 Fires

	YEARLY TOTAL
G 25 - Arc, faulty contact-----	6
G 26 - Arc or spark, switch-----	3
G 27 - Heat from overloaded equipment-----	13
G 28 - Fluorescent light ballast-----	16
G 29 - Heat, elec. equip., not classified-----	5
G 3 - HEAT FROM SMOKING MATERIAL, IN USE OR AFTER	
G 31 - Cigarette-----	683
G 33 - Pipe-----	1
G 39 - Heat, smoking material, not classified-----	378
G 4 - HEAT FROM MISC. OR OPEN FLAME OR SPARK	
G 41 - Cutting torch operation-----	4
G 42 - Welding torch operation-----	4
G 44 - Candle, taper-----	18
G 46 - Lighter-----	1
G 45 - Matches-----	251
G 47 - Open fire, rubbish, bonfire-----	760
G 48 - Backfire, internal combustion engine-----	170
G 5 - HEAT FROM HOT OBJECT	
G 51 - Heat, spark from friction-----	25
G 52 - Molten or hot material-----	6
G 53 - Hot ember or ash-----	25
G 54 - Light bulb-----	3
G 55 - Rekindle, re-ignition-----	19
G 56 - Heat, properly operating equip.-----	2
G 6 - HEAT FROM EXPLOSIVES AND FIREWORKS	
G 63 - Fireworks including sparklers-----	3
G 7 - HEAT FROM NATURAL SOURCE	
G 72 - Spontaneous ignition-----	121
G 74 - Static discharge-----	2
G 8 - HEAT FROM ANOTHER HOSTILE FIRE, EXPOSURE	
G 81 - Heat from direct flame-----	427
G 82 - Radiated heat-----	126
G 83 - Heat, flying brand, ember, spark-----	330
G 84 - Conducted heat-----	27
H - TYPE OF MATERIAL IGNITED	
H 1 - GAS	
H 12 - L-P, City gas-----	66
H 16 - Acetylene-----	8
H 2 - FLAMMABLE OR COMBUSTIBLE LIQUID	
H 21 - High volatile flammable liquid-----	3
H 22 - Gasoline type flammable liquid-----	7
H 23 - Gasoline-----	25
H 25 - Kerosene type flammable liquid-----	3
H 26 - Heavy fuel oil type combustible liquid-----	9
H 27 - Lubricating oil type combustible liquid-----	1
H 3 - VOLATILE SOLID	
H 31 - Fat or grease, food-----	276
H 34 - Adhesive, includes glue-----	2
H 36 - Tar, asphalt, pitch-----	232
H 4 - CHEMICAL, METAL, PLASTIC, APPLIED PAINT	
H 41 - Solid chemical-----	1
H 44 - Other metal-----	3

Bureau of Combustibles (24)

(Continued) 1971 Fires

YEARLY TOTAL

H 45 - Plastic-----	2
H 46 - Paint, varnish, applied-----	6360
H 5 - NATURAL PRODUCT	
H 51 - Rubber, synthetic or natural-----	613
H 52 - Cork-----	29
H 53 - Leather-----	94
H 54 - Grass, leaves, hay, straw-----	647
H 57 - Food-----	253
H 58 - Tobacco-----	683
H 6 - WOOD, PAPER	
H 63 - Wood, includes all finished lumber-----	4860
H 64 - Wood shavings, sawdust, excelsior-----	7
H 65 - Hardboard, plywood-----	213
H 67 - Paper-----	4358
H 68 - Cardboard-----	822
H 7 - FABRIC, TEXTILE, FUR	
H 71 - Synthetic fabric, fiber, goods-----	623
H 72 - Cotton, rayon-----	1676
H 73 - Wool or wool mixture fabric-----	640
H 8 - MATERIAL COMPOUNDED WITH OIL	
H 81 - Linoleum-----	761
H 85 - Oily rags-----	8
H 86 - Asphalt siding and roofing-----	3471
I - FORM OF MATERIAL IGNITED	
I 1 - STRUCTURAL	
I 11 - Roof covering, exterior-----	316
I 12 - Exterior sidewall covering, eaves-----	206
I 13 - Exterior trim, incl. door, porch-----	762
I 14 - Floor covering, carpet, rug-----	168
I 15 - Interior wall covering-----	246
I 16 - Ceiling covering-----	210
I 17 - Structural member or framing-----	664
I 18 - Insulation, thermal & acoustical-----	15
I 2 - FURNITURE	
I 21 - Upholstered chair, sofa-----	119
I 22 - Not upholstered chair, sofa-----	7
I 23 - Cabinetry, incl. filing cabinet, dresser-----	21
I 3 - SOFT GOODS, WEARING APPAREL	
I 31 - Mattress, pillow-----	234
I 32 - Bedding, blanket, sheet, comforter-----	47
I 33 - Linen, other than bedding-towels-----	21
I 34 - Wearing apparel, not on person-----	34
I 36 - Curtain, blind or drapery-----	227
I 37 - Goods, not made up, fabric, yarn goods-----	8
I 38 - Luggage-----	2
I 4 - ADORNMENT, RECREATION MATERIAL	
I 44 - Magazine, newspaper, writing paper, files-----	38
I 45 - Toys, games-----	2

Bureau of Combustibles (25)

(Continued) 1971 Fires

	YEARLY TOTAL
I 5 - SUPPLIES OR STOCK	
I 51 - Box, carton, bag-----	131
I 52 - Basket or barrel-----	6
I 53 - Pallet, skid-----	13
I 54 - Rope, cord, twine, yarn-----	8
I 55 - Packing, wrapping material-----	136
I 56 - Bale storage-----	10
I 57 - Bulk storage-----	36
I 58 - Cleaning supplies incl. mops, brooms-----	11
I 6 - POWER TRANSFER EQUIPMENT, FUEL	
I 61 - Electric insulation-----	24
I 62 - Transformer oil-----	4
I 64 - Tire-----	34
I 7 - OTHER MATERIAL	
I 72 - Fence, pole-----	111
I 75 - Tarpaulin, canvas tent, awning-----	13
I 76 - Natural form, forest, brush fire-----	489
J - ACT OR OMISSION	
J 1 - INCENDIARY ACT	
J 11 - Incendiary act, not during civil disturbance-----	1267
J 2 - SUSPICIOUS ACT	
J 21 - Suspicious act, not during civil disturbance-----	549
J 3 - MISUSE OF HEAT OF IGNITION	
J 31 - Abandoned or discarded cigarette-----	683
J 33 - Falling asleep, alcoholism-----	84
J 34 - Inadequate control of open fire-----	45
J 35 - Cutting or welding too close to-----	8
J 36 - Children with, or children playing-----	408
J 4 - MISUSE OF MATERIAL IGNITED	
J 41 - Fuel spilled accidentally-----	17
J 42 - Improper fueling technique-----	9
J 43 - Flammable liquid used to kindle fire-----	7
J 44 - Washing part, cleaning-----	4
J 45 - Improper container-----	6
J 46 - Combustible placed too close to heat-----	5
J 47 - Improper storage-----	16
J 48 - Children with or children playing-----	408
J 5 - MECHANICAL FAILURE OR MALFUNCTION	
J 51 - Part failure, leak, break-----	176
J 52 - Automatic control failure-----	192
J 53 - Manual control failure-----	2
J 54 - Short circuit-----	195
J 55 - Lack of maintenance, worn out-----	23
J 6 - CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY	
J 61 - Heat, smoke detectors too sensitive-----	565

FIRE LOSS RECORD BUREAU

ANNUAL REPORT 1971

TOTAL LOSSES PAID JANUARY TO AUGUST

	<u>BUILDING</u>	<u>CONTENTS</u>
January	\$415,711.60	\$248,598.27
February	345,995.91	81,778.00
March	340,460.17	93,001.43
April	491,934.55	70,374.00
May	301,714.41	72,632.96
June	409,982.02	32,625.43
July	481,709.15	131,072.49
August	382,615.10	36,836.96
	<hr/>	<hr/>
	\$ 3,170,122.91	\$ 766,919.54

Combined Total: \$3,937,042.45

ESTIMATED LOSSES SEPTEMBER TO DECEMBER

September	145,789.64	14,316.00
October	163,245.55	33,301.26
November	128,926.36	34,360.42
December	<u>225,322.20</u>	<u>43,783.63</u>
	<hr/>	<hr/>
	\$663,283.75	\$125,761.31

Combined Total: \$789,045.06 (Estimated)

Vehicle Loss: \$217,050.00

Estimated Total 4,943,137.51 (Estimated)
(Jan. to Dec.)

Per Capita Loss: \$12.94

Population: 381,930 (1970 Census)

Fire Loss Record Bureau (2)

Procedures of the Fire Loss Record Bureau:

1. Obtain daily record of fires from Fire Alarm Operators' daily alarm sheets.
2. Check with companies first due at fire scene.
 - a. Location by street.
 - b. Location in building.
 - c. Extent of involvement.
 - d. Owner and tenancy.
3. Writing and filing of permanent record.
4. Inspection of premises by a member of this detail.
 - a. Recheck of points "a" to "d" above.
 - b. Insurance data as to coverage and notification of owners.
 - c. Names of insurance companies and agents involved.
 - d. Whether or not adjuster has been engaged, and name of same.
5. Interview by personal call from this office to verify above "c" and "d".
6. Permanent record of losses and monthly total of losses.
7. Annual written report to Fire Chief.

This detail is often called on for information which may not be available in other forms, and occasionally it has access to information which may benefit certain investigations made by other city divisions or departments.

This detail has a wide acquaintance with insurance carriers and agents; in certain instances it may deal directly with home office of the insurance carriers.

In April 1964, we put into operation a new program with the insurance carriers. This program is an attempt by both the Fire Department and the insurance companies to reduce fire losses. As of this date, the program is continuing and becoming well known by carriers who underwrite in Newark. It has been met with whole-hearted approval by the executives of the leading companies.

NOTE: This detail has no legal authority to obtain or force information as to financial settlements from any interested party. The results obtained are strictly by reason of cooperation between this office and insurance companies who suffered losses. In the case of incipient fires, certain standards are applied as "Estimated Losses". Where loss is heavy, it is easier to obtain a more accurate record of actual payment to the assured.

In addition to the activities mentioned above, control sheets for each fire to be investigated, other than Arson and Signal 11's, are set up, recorded and filed after investigation.

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FIRE ALARM AND RADIO DIVISION

Annual Report submitted
for the year 1971

James E. Caufield
Chief, Fire Signal Systems Operations

Edward W. Przybylowicz
Chief, Fire Signal System, Constr./Maint.

In compliance with the Rules and Regulations of the Fire Department, we here-with respectfully submit the Annual Report of this Division for the year 1971:

Subterranean ducts rodded and cleaned (no. of feet) -----	15,590
Pull wire installed in subterranean ducts (no. of feet)-----	17,009
Subterranean cable installed (ft. of conductor) -----	153,520
Single conductor line installed (no. of feet)-----	22,050
Twisted pair line wire installed (ft. of conductor)-----	1,700
Integrated messenger twin rural distribution ----- wire installed (ft. of conductor).-----	5,150
Twin Ruraline wire installed (ft. of conductor)-----	11,110
Galvanized messenger wire installed (no. of ft.)-----	1,005
Subterranean cable removed (no. of ft. of conductor)-----	7,376
Line wire removed (no. of ft.)-----	20,900
Galvanized messenger wire removed (no. of feet)-----	1,880
Fire alarm boxes installed (new)-----	6
Fire alarm boxes brought to shop for service/modification--	16
Fire alarm boxes inspected, tested and wound -----	973
Fire alarm boxes tested and wound -----	3,269
Stanchions erected -----	17
Stanchions reset -----	10
Junction boxes installed -----	1
Junction boxes replaced -----	10
Stanchions/junction boxes rehabilitated -----	49
Stanchions/junction boxes removed -----	16
Pole line construction released only -----	45
Pole line hardware/crossarms replaced only-----	115
Pole transfers completed -----	134
Line wire protective coverings installed-----	23
Trees trimmed -----	407
Ground rods buried -----	23
Fire house batteries serviced -----	720
Field inspections (no. of hours)-----	360
Field facility patrol (no. of miles) -----	1,604
Training sessions (no. of hours) -----	54
Housekeeping/vehicle maintenance (no. of hours)-----	48
Corrective functions performed -----	7,532
Minor job operations completed -----	3,997
Major job operations completed -----	1,554

FIRE SIGNAL SYSTEMS OPERATIONS

Division of Operations and Communications

for the year 1971

In compliance with the Rules and Regulations of the Fire Department, the Annual Report for the year 1971 is herewith respectfully submitted:

Central Office Force:

1. Alarms transmitted	22,381
2. False Alarms received	5,406
3. Box tests supervised	950
4. Tests from private fire alarm companies supervised	1,945
5. Test conducted of Airport fire alarm facilities	730
6. Telephone calls handled over P.B.I. switchboard (approx.)	625,000
7. Radio calls handled (approx.)	225,000
8. Number of circuits completely tested	66,430
9. Misc. reports prepared and distributed	8,100
10. Individuals and agencies dispatched to multiple alarm incidents by telephone	2,200
11. Other minor job operations completed: (Performed janitorial duties; bookkeeping functions, etc.)	3,000

Central Office Repair Shop Maintenance Force:

1. Auxiliary Central Office power plan test cpeated (hours)	Test #1	60.6
	Test #2	25
2. Office panels cleaned, equipment refurbished	24	
3. Recorders and time stamps inspected and tested.	12	
4. Other job operations completed: (rewired fire alarm boxes and firehouses; repaired electrical apparatus; repaired Aerotrons, etc.)	835	

CENTRAL OFFICE
Communications and Operations (1)

Page 45

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1.	GONG ALARMS TRANSMITTED TO THE DEPARTMENT	814	855	968	1167	1158	1388	1265	1048	978	1059	1128	1116	12944
(a)	Full assignment alarms (Response of all units normally scheduled).	464	506	573	739	702	672	654	552	535	474	620	698	7189
(b)	Signal Eight Alarms. (Response limited to an Engine Company, Truck Unit and Batt. Chief.)	338	331	373	391	432	619	469	376	303	362	360	359	4714
(c)	Signal Nine Alarms. (Two Engine Companies, a Truck unit and Batt. Chief Respond.)	12	18	22	37	24	96	142	120	140	223	148	59	1041
(d)	Total of the foregoing	814	855	968	1167	1158	1388	1265	1048	978	1059	1128	1116	12944
2.	ONE UNIT ALARMS TRANSMITTED TO THE DEPARTMENT													
(a)	Signal Five Alarms. (For minor outside incidents, parades, drills)	558	495	872	1142	839	973	947	812	637	745	776	641	9437
3.	TOTAL ALARMS IN ALL CATEGORIES. (Alarms in Para. 1 and 2 combined)	1372	1350	1840	2309	1997	2561	2212	1930	1615	1804	1904	1757	22381
4.	METHOD BY WHICH CENTRAL OFFICE RECEIVED ALARMS.													
(a)	From Municipal fire alarm box	405	468	573	757	812	990	847	701	686	753	687	671	8350
(b)	From Public by telephone	353	333	347	358	319	345	368	311	258	287	411	416	4107
(c)	From AmericanDist. Tele.	30	20	20	13	9	27	15	24	15	10	13	12	208
(d)	From Newark Dist. Tele.	6	4	4	3	4	5	3	2	1	2	5	2	41
(e)	From Electro Prot. Co.	8	2	5	5	3	6	7	0	3	2	5	6	52
(f)	Telephone alarms initially communicated to Police by the Public and relayed to Fire Department	6	8	8	7	2	0	13	0	0	0	0	0	42
(g)	Central Office Alarm Co.	1	1	0	1	3	1	3	1	5	0	0	4	20
(h)	Telephone alarms initially routed to other fire departments, relayed to this Central Office by them.	0	0	0	0	0	0	1	0	0	0	0	1	2

CENTRAL OFFICE (2) (Communications & Operations)													
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
(i) Fires reported by personal visit to fire house	2	6	2	7	2	0	5	0	0	0	0	1	25
(j) American Fire Alarm	1	1	2	1	0	0	1	0	0	0	2	0	8
(k) Alarms by radio from Dept. Units in the field	2	11	7	15	6	12	4	7	10	5	5	5	89
Total Para. 1	814	855	968	1167	1158	1388	1265	1048	978	1059	1128	1116	12944
5. MULTIPLE ALARMS													
(a) 2nd Alarms (2 full assignments)	3	3	6	11	5	13	8	3	2	5	2	74	
(b) 3rd Alarms (3 full assignments)	2	0	2	1	1	0	2	1	0	0	0	0	9
(c) 4th Alarms (4 full assignments)	0	0	0	0	1	0	1	0	0	0	0	0	2
TOTAL MULTIPLE ALARMS	5	3	8	12	6	14	15	10	3	2	5	2	85
6. ALARMS FROM FIRE BOXES													
(a) Total number of fire alarm boxes	541	619	759	1109	1061	1392	1071	836	770	839	772	758	10527
Fulled for incidents.													
(b) No. of signals from fire boxes suppressed because alarm had been already transmitted.	135	146	181	354	241	390	162	135	84	86	85	90	2089
7. REPORTS FOR CALL FIRE RECEIVED THROUGH TWO UNRELATED MEDIUMS.													
(a) Confirming alarm rec'd from fire box after notice by phone	11	17	16	26	18	24	30	30	13	17	25	27	254
(b) Confirming phone notice rec'd after alarm from fire box	22	20	22	29	20	28	29	27	24	22	14	8	265
(c) Alarm rec'd by one medium only	781	818	930	1112	1120	1336	1206	991	941	1020	1089	1081	12425
(d) Alarm rec'd thru more than one med.	33	37	38	55	38	52	59	57	37	39	39	35	519
8. UNITS RELOG.: DURING EMERGENCIES	74	51	105	165	64	135	156	99	41	30	82	38	1040
9. TELEGRAPH SIGNALS TRANSMITTED.	6747	6989	8567	10315	8633	9109	10479	8917	7834	8333	9347	9309	11C4579
10. UNITS ENROUTE TO ALARMS STOPPED BY RADIO AND PUT IN SERVICE.	3582	3762	4259	5134	5095	6107	5566	4612	4313	4659	4963	4910	56962

SPECIAL SERVICE AND SUPPLY COMPANY

Annual Report submitted by
Deputy Chief Arthur D. Marsh
for the year 1971

The Special Services Division, working on a 24-hour-a-day basis throughout the year, continued to provide the functional activities of Supply and Repair Service to the various department units and assistance to the community in general. These activities were carried out by personnel, some of whom worked on tours, and some on a daytime basis only. Programs planned for the year were carried out and new ones formulated for next year. The accomplishments and services of the several sections of Special Services Division are as follows:

DELIVERY AND PICK UP SERVICE. Deliveries and pick ups were made on a scheduled morning and afternoon basis for routine items. Items of an emergency nature were picked up or delivered at any hour of the day or night. Items handled were such objects as housekeeping supplies, tools, equipment, extinguishers, oxygen and air cylinders, masks, tables, chairs, and other pieces of furniture, lockers, rock salt, ladders, hose, and many other items requiring transportation. Special Services trucks responded to Multiple Alarm Fires with motor fuel and oil for apparatuses, to calls for Hi-Ex Foam Generator, smoke ejector, and foam concentrates.

The removal from service of Filter type masks in the month of May, resulted in the necessity of the Department operating with only 31 air masks and 54 Chemox masks. Emergency procedures were employed to keep these masks in use by providing immediate repair service and delivery of air tanks and Chemox canisters. An air cascade system was installed, men trained in its operation, and air mask tanks filled as needed. A serious shortage of air mask tanks created a need for a continuous shuttle pick-up and delivery service from Special Services to the various field units. This tank shortage condition lasted for several months.

Fire apparatuses needing repair were picked up and taken to the Bureau of Motors or to an outside repair agency as required, and replacements were obtained from their storage places and delivered to the companies concerned.

MESSENGER SERVICE. The Department messenger carried out his prescribed duties daily, going to headquarters and all the chiefs' quarters. He also performed other services relating to activities of this division.

MASK REPAIR SHOP. The program to modernize existing masks started in late 1970, was completed by February. This provided for alarm devices on all air masks and new integral parts on 25 Chemox self-contained masks. During month of May, the use of Filter Canister Masks was discontinued by order of the City Law Department. A previously planned program by Headquarters to convert to self-contained Air Masks was advanced. Members of the mask unit and several other personnel completed a training program in the care, use, and repair of Air Masks by an engineer from the Mine Safety Appliance Company. Masks were ordered, received, tested, coded, and assigned to the various fire fighting units. Each mask was issued with one spare tank. A manufacturers shortage of air mask tanks delayed delivery of sufficient tanks until December when mask distribution was completed. Mask parts were ordered and kept on hand for necessary repairs. Members of mask unit are training other personnel in repair of masks, including air tanks.

Special Service and Supply Company (2)

CANVAS SHOP. Canvas items such as mask box covers, chain saw sheaths, electrical generator covers, control pedestal covers for Hook and Ladder trucks, turret nozzle covers, hose bed covers, foam can covers, stretchers, mask facepiece holders, rope bags, etc., were made or repaired. Window shades for the various fire houses were repaired or fabricated.

AIR PURIFICATION UNIT. A "Robbins Aviation Air Purification System", powered by an Ingersoll-Rand Compressor, with ten 300 cu. ft. storage tanks and cascade apparatus was received and installed in November. This system provides us with the capability of producing breathing air for filling air mask tanks at a considerable saving over the cost of purchasing breathing air from a commercial supplier. Personnel were assigned to this unit, trained in the procedures necessary to process purified air and the system put into operation. Air produced was tested by a testing laboratory and proved equal to or better than N.F.P.A. standards. Laboratory testing continues on a periodic basis. The system was operated daily and air mask tanks filled as needed in accordance with prescribed procedures.

STOCK ROOM. All tools, equipment, devices and supplies (except those ordered directly through Fire Headquarters or by the Hose Shop) were ordered, received, checked, recorded, stored, and distributed as needed to the fire units and chiefs through the delivery service.

Supply Room personnel repaired Porto-Lites, flashlights, desk lamps, extension cords, K-12 saws and generators, etc. They also made special belts and straps, tested salvage covers, and made arrangements with the carpenter shop for replacing broken handles on axes, plaster hooks, hammers, etc., and for the construction of hose boxes, skid load panels, hose bed covers, special cases for equipment and other needs of the department.

Arrangements were made for the outside repair of equipment for which Special Services was not equipped to handle, such as major repair of portable pumps, sharpening of chain saws, retoothng of carbine-tipped circular saws for K-12 Partner cutters, explosimeters, etc.

APPARATUS MAINTENANCE. All fire apparatuses in service and all spare apparatuses were tested in accordance with accepted procedures. Arrangements were made for repairs to, or replacement of, damaged or defective apparatuses and other department vehicles.

A preventive maintenance program was conducted with the cooperation of the Bureau of Motors throughout the year whereby each apparatus was called in for oil change, lubrication, and general inspection approximately every two months. From defects that were found, it can be concluded that several breakdowns, some accidents and personal injuries, and some major expensive repairs were prevented. In late September the maintenance and repair activities were expanded by the employment of five mechanics, five mechanics helpers, and four garagemen, under a federally sponsored "Public Employment Program". These men working with the Bureau of Motors mechanics have considerably reduced the backlog of needed repairs to our overworked and worn apparatus.

Specifications for new fire apparatuses and other department vehicles were drawn up in conjunction with the Fire Chief and the Bureau of Motors. This activity and the acceptance of the vehicles, often required meetings with the agents or representatives of the manufacturers concerning acceptance tests, malfunctions, deviations from specifications, etc.

Special Service and Supply Company (3)

The Supervisor of Apparatus heading this sub-division, conducted a "Driver Training" program, approved several drivers and tillermen, and visited companies where questions concerning the maintenance or operation of apparatus had arisen. He resolved these problems and informed the companies in the proper procedures of operation. He also responded to all multiple alarms of fires to oversee the general operation of equipment, to correct malfunctions of apparatuses and to aid operators having any difficulties with the operation of the equipment.

HOSE SHOP. The Hose Shop kept all companies properly supplied with the various sizes and types of hose. All hose in service was tested and overage and defective hose was removed from service. Damaged hose was repaired when possible, as were damaged nozzles-valves, adapters, hose fittings, brackets, cylinders for gases, and other miscellaneous equipment.

The acquisition of Oxy-Acetylene equipment added to our repair capability and resulted in considerable saving by providing repair of various high cost valves and valvefittings by silver soldering; metal parts on fire apparatus; metal furniture; rebuilding old style nozzles to modern design; maintenance equipment in our shop.

GENERAL. Various size metal ladders were received and placed in service, replacing unsafe or defective wooden ladders. The carpenter shop repaired some wooden and metal ladders. The need for metal ladders continues since we still have four truck companies equipped with wooden ladders that are old. Also, a reserve supply of all size metal ladders is needed.

The program for inventory and test control of gas pressure cylinders in use in the department continued through the year. These cylinders include air tanks, oxygen tanks, CO₂ tanks, dry powder or dry chemical extinguishers, air pressure water extinguishers, and kero-test cylinders. All cylinders are tested every five years on a continuous basis from date of manufacture.

Arrangements were made with the Purchasing Department for the sale of over-age hose and scrap brass whenever reasonable amounts accumulated in the hose shop.

Classes on pumping equipment were conducted for recruits in conjunction with the department training program.

Community assistance activities included the following: Pumping out flooded cellars, basements, and portable swimming pools at school playgrounds. Provided and operated portable electric generators, lamps and cables for outdoor recreational activities, such as stage shows and block parties in various neighborhoods. Provided extinguishers for fire protection at various community functions.

Each sub-division of Special Service maintained records and file systems; submitted the various required reports consistent with its duties and activities; engaged in the clerical work, correspondence, and telephone communications essential to operations, and performed the housekeeping duties necessary to keep its quarters clean and in a presentable condition.

Annual statistical forms accompany this report and will serve to clarify information contained herein as to number of hours, number of times, and number of items, etc.

Special Service and Supply Division (4)

APPARATUS DIVISION

Annual Report for 1971
submitted by
Daniel J. Tauriello, Supervisor of Apparatus

The duties performed by this Division are listed below:

Pumper service tests	75
Aerial trucks tested	All
Lectures given	297
Multiple alarms and other incidents responded to	91
Apparatus change-over for repairs	799
Out of town responses on department business	18
Preventive maintenance performed on fire department vehicles	209
Drivers and tillermen certified	44

Worked with AIA men in the evaluation of the Fire Department.
Performed liaison work between the Fire Department and other
departments of the City.
Kept records of all the above-mentioned activities.

A new program sponsored by the Federal Government, "Emergency Employment Program", was started November 27, 1971. Through this program, we were able to hire additional help greatly needed in the repair and maintenance of fire department vehicles: 1 acting foreman, 5 mechanics, 5 mechanics helpers, 4 garagemen; augmenting this crew are three mechanics from the City Repair Shop.

Total number of Fire Department Vehicles listed below:

Pumpers	34	High Pressure Fog Units	2
Spare Pumpers	6	Foam Unit	1
Aerial Ladder Trucks	11	Hi-Ex Unit	1
Snorkel	1	Chiefs' Cars in field used for fire fighting	10
Spare Aerial Trucks	1	Chiefs cars staff	6
Fire Boat	1	Academy van	1
Rescue Squad	1	Arson Squad cars	3
Salvage Units	2	Director	1
Fire Signal System	8		
		<u>Total - 90</u>	

REMOVED FROM SERVICE (JUNKED)

Half ton 1963 Ford Pick up Truck	:	VEHICLES PLACED IN SERVICE
Pirsch 1944 Aerial Ladder Truck	Reg.99	: 1971 Chev. Sta. Wagon - Training Academy
Chevrolet Sedan 1962	Reg.12	: 1971 Chev. Sedan - Arson Squad
Oldsmobile Station Wagon 1965	Reg.114	: 1971 L T D Ford Sedan - Director
La France Pumper 1948	Reg.105	: 1971 F.W.D. Diesel Pumper - Engine 32
La France Pumper 1948	Reg.76	: 1971 F.W.D. Diesel Pumper - Engine 27
International Hose Wagon 1956	Reg.96	:
	Reg.8	:

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Special Service and Supply Division(5)

HOSE DIVISION

Annual Report for 1971
submitted by
Peter J. Carolan
Supervisor of Apparatus

The following is a report of the amount of fire hose in actual service, new hose in reserve, used hose on hand, as of December 31, 1971.

Hose Inventory

2½"	In service with companies	903 - 50 ft. lengths	45,150 ft.
2½"	In reserve (new 100% Poly)	4 - 50 ft. lengths	200 ft.
2½"	In reserve (used hose)	95 - 50 ft. lengths	4,750 ft.
2½"	In reserve (old hose)	150 - 50 ft. lengths	7,500 ft.
		<hr/>	<hr/>
		1,152 - 50 ft. lengths	57,600 ft.
1½"	In service with companies	711 - 50 ft. lengths	35,550 ft.
1½"	In reserve (new)	9 - 50 ft. lengths	450 ft.
1½"	In reserve (old)	4 - 50 ft. lengths	200 ft.
		<hr/>	<hr/>
		724 - 50 ft. lengths	36,200 ft.
3"	In Service with companies	224 - 50 ft. lengths	11,200 ft.
3"	In service with companies	Various lengths	2,100 ft.
3"	In reserve (new C & P)	13 - 50 ft. lengths	650 ft.
		<hr/>	<hr/>
			13,950 ft.
4½"	In service with companies	45 - 15 ft. lengths	675 ft.
4½"	In reserve (new)	1 - 15 ft. length	15 ft.
4½"	In reserve (old)	3 - 15 ft. lengths	45 ft.
		<hr/>	<hr/>
		49 - 15 ft. lengths	735 ft.
3/4"	In service with companies	238 - 50 ft. lengths	11,900 ft.
3/4"	In reserve (New)	7 - 50 ft. lengths	350 ft.
3/4"	In reserve (old)	10 - 50 ft. lengths	500 ft.
		<hr/>	<hr/>
		255 - 50 ft. lengths	12,750 ft.
6"	In service with companies	34 - 10 ft. lengths (hard suction)	340 ft.
6"	In reserve (old)	7 - 10 ft. lengths	70 ft.
		<hr/>	<hr/>
		41 - 10 ft. lengths	410 ft.
5"	In service with companies	26 - 10 ft. lengths (hard suction)	260 ft.
5"	In reserve (new)	4 - 10 ft. lengths	40 ft.
5"	In reserve (old)	1 - 10 ft. lengths	10 ft.
		<hr/>	<hr/>
		31 - 10 ft. lengths	310 ft.
4½"	In service with companies	24 - 10 ft. lengths(hard suction)	240 ft.
4½"	In reserve (new)	4 - 10 ft. lengths	40 ft.
		<hr/>	<hr/>
		28 - 10 ft. lengths	280 ft.
2½"	In service with companies	2 - 10 ft. lengths(Hard suction)	20 ft.

Special Service and Supply Company (6)

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Hose Division Continued (2)

New Hose Received

3"	Penn (100% Poly 2½" couplings)	40 - 50 ft. lengths	2,000 ft.
3"	Goodall (hard suction)	4 - 10 ft. lengths	40 ft.
2½"	Penn (100% Poly)	135 - 50 ft. lengths	6,750 ft.
2"	Goodall (hard suction)	4 - 15 ft. lengths	60 ft.
1½"	Penn (Cotton & Poly)	126 - 50 ft. lengths	6,300 ft.
		TOTAL RECEIVED	15,150 ft.

New Hose Issued

4½"	Boston Woven (100% Poly)	25 - 15 ft. lengths	390 ft.
3"	Penn (100% Poly 2½" couplings)	40 - 50 ft. lengths	2,000 ft.
3"	Blaze Guard (100% Poly 2½" ")	3 - 50 ft. lengths	150 ft.
2½"	Penn (100% Poly)	131 - 50 ft. lengths	6,550 ft.
2½"	Blaze Guard (100% Poly)	2 - 50 ft. lengths	100 ft.
1½"	Penn (Cotton & Poly)	118 - 50 ft. lengths	5,900 ft.
3/4"	Goodyear	4 - 50 ft. lengths	200 ft.
		TOTAL ISSUED	15,290 ft.

HOSE REPAIRED

4½"	15 ft. soft suction	49 - 15 ft. lengths	735 ft.
3"	Various lengths	12 - asstd. lengths	305 ft.
3"	50 ft. lengths (100% Poly 2½" Couplings)	46 - 50 ft. lengths	2,300 ft.
2½"	50 ft. lengths	108 - 50 ft. lengths	5,400 ft.
1½"	50 ft. lengths	129 - 50 ft. lengths	6,450 ft.
3/4"	50 ft. lengths	18 - 50 ft. lengths	900 ft.
		TOTAL REPAIRED	16,090 ft.

Hose Tested

3"	Hose	273 Various Lengths	13,107 ft.
2½"	Hose	1,066 - 50 ft. lengths	53,300 ft.
1½"	Hose	814 - 50 ft. lengths	40,700 ft.
3/4"	Hose	209 - 50 ft. lengths	10,450 ft.
		TOTAL TESTED	117,557 ft.

Number of Valves, Nozzles, Adapters, Equipment & Miscellaneous Articles repaired or installed - 276.

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Special Service & Supply Company (7)

Performance Report
submitted by
Herbert D. Planck, Battalion Chief

for the year 1971

Number of Alarms answered	60
Number of Pickups and Deliveries made	21,386
Quarts of Motor Oil distributed at fires	36 qts.
Gallons of gasoline distributed at fires	1,096 gal.
Gallons of Diesel Oil distributed at fires	5 gal.
Electric generator used	3
Ft. of floodlight cable used	500 ft.
Number of lights used	7
Hours spent on floodlight Duty	5 hrs.
Number of cellars pumped out	76
Hours spent pumping out cellars	234 hrs. 5 min.
Number of Porto-lites repaired	461
Number of Porto-lites batteries distributed	801
Gallons of liquid foam distributed to companies	1,870 gal.
Oxygen cylinders refilled	320
Scott & M.S.A. Air Cylinders refilled	5,256
15 lb. C.O.2 extinguishers refilled	315
Masks repaired	688
Canvas covers for bags, boxes, deck, etc., & repair	293
Air cylinders repaired	148
Chemox mask canisters delivered	606
Smoke ejector on special calls	3
Hi-Expansion Foam Unit on special calls	4
Ladders repaired (Number)	37
Ladders repaired (feet)	940 ft.
Movement of Apparatus	754
Hi-Expansion Foam Used	540 gal.

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Annual Report of the
TRAINING DIVISION
submitted by
Deputy Chief Edward M. Wall
for the year 1971

This officer assumed command of the Training Division in July 1971. Since that time, the Water Officer and Safety Officer were placed under the command of the Training Division, therefore their annual reports are included in this report.

During the year of 1971, the Training Division enlarged its role in activities performed. The staff of the Training Division participated in many meetings with the Director's Office to plan and acquire land for our proposed Fire Training site.

We also travelled to various cities to acquire information and funding to develop a Fire Cadet program which finally came into being on January 12, 1972; at this time, we have twenty Cadets in training.

The Training Academy, in cooperation with the Hartford Insurance Company, developed a Defensive Driver Course which was given to all Fire Personnel who operate Fire Department vehicles. In addition, a course in Community Relations was given to all personnel assigned to Arson Squad and Fire Prevention Bureau.

As in past years, the Academy gave recruit training to all new men appointed to the Department, and also trained Police recruits in basic duties associated with their responsibilities to the Fire Department normal in-service training programs were conducted covering various aspects of firematic training.

The commanding officer of the Training Division accompanied and assisted the Engineers from the American Insurance Association in testing all pumping apparatus and in the inspection of all fire stations in the City.

All companies responding to training at the Academy have had their air masks and other safety equipment checked and apparatus and personnel inspected. When defects were found, the Fire Chief and the chief responsible for that company were informed and corrective action was taken.

SAFETY OFFICER'S REPORT

The Safety Officer during 1971, gave the Standard First Aid Course to all but six companies. He also trained all companies in mouth to mouth respiration and in the use of the E & J and demand type resuscitators. The Safety Officer checked all resuscitators in service in the Department. All Department personnel were trained in the use and maintenance of M.S.A. Masks. The Safety Officer, under the direction of the Training Division, assisted in preparation of training procedure for M.S.A. Masks.

Training Academy (2)

(Safety Officer continued)

During the year 1971, the Safety Officer was engaged in several special projects: First Aid Station in each Fire House; new procedure for ordering first aid supplies; attending meeting of the Safety Committee and the Accident Prevention Committee; developing methods for mounting mask on apparatus; assisting in establishing Mask Repair Unit; conducting various tests in cold weather operation of M.S.A. Mask; travelling to various cities to gather information on air mask. The Safety Officer also assisted local Boy Scout Troops in their training. Responded to working fires to check and evaluate use of air mask and other safety equipment.

WATER OFFICER'S REPORT

The Water Officer responded to multiple alarm fires that occurred during his normal working hours or whenever ordered by the Fire Chief. He attended weekly meetings with the Water Department. The Water Officer assisted in the program to replace the older type Protecto cap on hydrants with a new improved type cap. In 1971, 300 such caps were installed with an additional 400 projected for installation in 1972. The Water Officer processed requests for 2,489 hydrant repairs in 1971.

The Water Officer assisted the Civil Defense Office in water supply problems.

The Water Officer assisted Deputy Chief Wall, Training Officer, in developing training programs regarding water supply.

The Water Officer was given the responsibility for setting up and supervising an on-the-job training program for veterans. In connection with this assignment, the Water Officer attended meetings with personnel from the Department of Education, State of New Jersey.

The Water Officer performed various other duties as ordered by the Fire Chief and Director.

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TRAINING ACADEMY ACTIVITIES 1971

(3)

TRAINING	SESSIONS	TOTAL ATTENDANCE
Instructor's Defensive Driving Course	2	42
Public Service Company Hazards of Electric & Gas	40	738
Community Relations Seminar	3	150
Defensive Driving Course	74	815
Fire Recruits	51	43
Police Recruits	6	93
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DEMONSTRATIONS		
Table Top	17	1,972
Fire Prevention Speaking Activities Schools, Churches, Hospitals, Industrial 114		50,818
Extinguisher Demonstrations	20	2,012
First Aid	3	105
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FILMS		
Shown at Academy	594	2,644
Loaned Out	160	51,725

NOTE: All personnel who attended the Drivers Training Program were personally evaluated, and all apparatus and equipment inspected, as per general order.

Training Academy (4)

TRAINING DIVISION PERFORMANCE REPORT

<u>Academy Training:</u>	<u>Sessions</u>	<u>Hours of Instruction</u>	<u>Attendance</u>	<u>Man Hours</u>
Recruit (Fire)	51	306	523	3275
Recruit(Police)	6	17	164	489
Refresher Subjects (Companies)	143	484	2384	8529

<u>Special Training:</u>				
Preventive Maintenance	43	73	221	359
Driver Training	64	149	312	692.5
Apparatus Service Test	70	136.5	306	591.5
Pump Operations	41	99.5	227	571.5
Aerial Ladder	22	44	103	190
Care of Apparatus	38	76	177	335
Misc. Training	3	6	12	24

Field Training:

		<u>Demonstrations:</u>		
		<u>Type</u>	<u>Number</u>	<u>Attendance</u>
Drills in Quarters	12,521	Table Top	17	1972
Drills out of Quarters	2,640	Extinguisher	20	2012
Total Drills	15,161	Fire Prevention	114	50,818
Hours of Instruction	20,810	First Aid	3	105
Man/Hours	83,245	Films Shown	754	54,369

WATER OFFICER ACTIVITIES

Number of Hydrant Repairs Processed 2,489

Number of conferences attended 111

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COMMUNITY RELATIONS DIVISION

Annual Report submitted by
Deputy Chief Lawrence Caufield
for the year 1971

The essential purpose of the Community Relations Division is to provide the public with effective service day and night.

In the year 1971, the Fire Department Community Relations Division, in conjunction with other agencies which make up the Newark Disaster Coordinated Committee, was called on numerous occasions for assistance in providing help for victims of fire or other disasters. This Division maintained association on a daily basis with the Salvation Army, Red Cross, Civil Defense, Newark Housing Authority and Essex County Welfare to find housing, provide clothing and other essential needs to these victims.

In other endeavors throughout the year, this Division has worked closely with the Police Department's Community Relations Division, the Newark Board of Education, the Chamber of Commerce, Prudential Insurance Company, the Robert Treat Council of the Boy Scouts of America, Model Cities, N.A.A.C.P., WNJR, the Star Ledger, FOCUS, the North Newark Educational and Cultural Center, U.C.C., church officials and people of all denominations.

The Community Relations Division helped make programs of volunteer organizations more meaningful by bringing together various segments of the community for participation in these programs, maintaining contact with Auxiliary Police and Firemen, Block Associations, Precinct Associations, etc.

All members of the Community Relations staff attended a course at Rutgers University on "Fire Department Community Relations".

At the headquarters office of the N.A.A.C.P., the Community Relations Division maintains an office for information to the public.

SUMMARY OF ACTIVITIES

Movies shown in the street	103
Attendance at movies (These were Fire Prevention subjects)	7,036 (persons)
Precinct Meetings attended	36
Block Association meetings attended	123
Attendance of Public	4,897 (persons)
Fire Victims assisted	4,186
Fires Attended	448
Special Assignments	722
Toys collected and distributed to needy at Christmas	6,890

Annual Report of the
COMMUNITY RELATIONS DIVISION
submitted by
Deputy Chief Lawrence Caufield
for the year 1971

1. Officers and Members of the Community Relations Division operate under the direct supervision of the Director of the Fire Department.

2. The Community Relations members endeavored to promote good will within the Fire Department and between the Fire Department and the Public. This was done by keeping the Department Members informed and involved in Community Relation activities and promoting public awareness of the Fire Department.

3. The Community Relations Division responded to all multiple alarms and to such other alarms of fire to which they were summoned to assist fire victims.

At fires, Community Relations Personnel endeavored to coordinate private and public agencies to better afford fire victims the services available.

4. Members of the Community Relations Division represented the Fire Department at any community activity, meeting, or special assignment designated by the Director of the Fire Department.

Members of the Community Relations Division identified Fire Department activities with the great variety of interests of the public and made the public aware of the Department's achievements, operations, and problems.

Members of the Community Relations Division, in representing the Fire Department, strengthened the position of all Departments of the City of Newark.

5. Community Relations Members established rapport with members of the news media and assisted in the collection of information.

6. They performed such other duties as the Director of the Fire Department directed.

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PHOTOGRAPHIC DIVISION

Annual Report
submitted by
Fireman Joseph Marino

The Annual Report for the year 1971, listing the activities of the Photographic Division, is herewith respectfully submitted:

Signal 100 - Arson or suspected	24
Signal 200 - Death at fire	18
Public Relations, (includes appointments, promotions demonstrations, etc.)	49
Violations, Bureau of Combustibles	1
Special Assignments	33
Negatives developed	1780
Prints made	4020
Total Assignments	162
Amount of Sound Film used	3100 feet
Volunteer time (5 men non-paid)	642 hours

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PLANNING DIVISION

Annual Report for the year 1971

The Planning Division is a staff unit, engaged in a wide range of activities based on rendering assistance in the administration and operations of the Fire Department.

The six-year Capital Improvement Program is prepared annually. Approved for funding in 1971 were the following:

1. Fire Training Center. The first stage - property acquisition and construction.
2. Purchase of one Aerial Ladder Truck.
3. Purchase of six 1000-gallon-per-minute Pumpers.
4. Purchase of sixteen overhead automatic apparatus doors.

Planned for inclusion in the 1972-1977 Capital Improvement Program are:

- and
1. Fire Training Center. Second stage - construction of Drill Tower and other fire-fighting training facilities.
 2. Twenty 1,000 G.P.M. Pumpers on a continuing replacement plan. Five to be requested in 1972 and three each year thereafter.
 3. Six Aerial Ladder Trucks. One each year.
 4. Modernization of fire stations. (Kitchens and Sitting Rooms)
 5. Modernization of fire stations. (Storm windows and doors)
 6. Selective Gong, Ringing and Voice Alarm, to be purchased and installed.
 7. Central Fire Headquarters, quarters for Engine Company 2 and 20, to be located at Springfield Avenue and Branford Place.
 8. Purchase of three vehicles.
 - one Cascade truck - for transportation of masks and air cylinders.
 - one Pickup truck, half-tone, for Special Service.
 - one Panel truck, for Fire Alarm Telegraph use.
 9. New fire house for Engine 12, Truck 5, Salvage 2. Adjoining building for Fire Alarm Constr./Maint Division, Belmont Avenue and 18th Avenue area.
 10. New fire house for Engine 10, at Clinton Avenue and Quitman Street.

Information on Fire Alarm Summary sheets is recorded. By use of U.S. Census Tract maps, the fire workload in the City is located by population and area. Total alarms, Signal 11's, false alarms, multiple alarms and deaths at fires are pin-pointed.

Battalion Attendance Forms are a source of statistics relating to available manpower. Short roll calls due to Sick Leaves, Vacations and other Leaves of Absence are noted.

Reports of injuries to members on duty, hostile acts of citizens against firemen, repairs needed in quarters, are compiled.

Planning Division (2)

Members of the Planning Division have acted as liaison in court cases resulting from assaults on firemen; have been designated as Fire Department coordinator for the New Jersey Air Pollution Control Act committee; served on the Department committee set up to evaluate "self-contained air masks" when the filter type was banned.

Reports, statistics, charts, etc., are prepared when requested or required by the Fire Department, other City agencies, municipalities, or by fire related organizations.

Meetings, conferences and seminars have been attended in conjunction with Newark Housing Authority, City Planning and Zoning, Civil Defense, Fire Insurance Rating Bureau, International Association of Fire Chiefs, the I.B.M. Company, Bell Telephone Fire Alarm Communications Division and the Government General Services Administration.

A request for Fire Department use of the City Computer was favorably received by the Finance Director, and we have two representatives on a committee drawn from all city departments. It is hoped that a new computer to be installed will be operative before the end of 1972, making data processing available for all city departments, including the Fire Department.

Other duties and activities are performed as called for by the Fire Director and the Fire Chief.

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MEDICAL DIVISION

Annual Report submitted by
Edwin L. Ciccone, M.D.
Fire Department Surgeon
for the year 1970

As Chief Fire Surgeon, I performed my duties according to the Rules and Regulations of the Fire Department, and at all times have fulfilled the requirements of my position.

My Associate Surgeon, Carl E. Maffeo, M.D., and I are on call 168 hours per week.

Throughout the year, I gave prompt attention to all reported illnesses and injuries of my fellow co-workers within my jurisdiction.

I granted sick leaves to members as warranted. Regular additional visits and examinations were made to the sick and injured members until they were, in my opinion, physically able to return to their respective duties.

I also rendered treatment to all members who became ill, whether in line of duty or otherwise.

I attended all multiple alarm fires and other fires where medical services were needed.

Inspections of firehouses were made periodically.

Weekly reports in writing to Assistant Corporation Counsel Donald E. King, Esq., of all men injured in the line of duty. Also, special reports when required.

Visits to firehouses, on emergency basis or otherwise, whenever requested by any member of the Fire Department. I examined and treated all referral cases of City employees when necessary.

Examined all men who applied for disability pension and furnished report of same.

Weekly reports were submitted to the Director and the Fire Chief, listing the names of the members of the Department who were on sick leave and the reasons as indicated.

In addition, special reports were submitted when required as follows:

Fires attended, including multiple alarms	175
Men injured in line of duty	579
Men on Sick Leave not in line of duty	997
Conferences	60
Men examined, re-examined, and appointed	14
Hospital visits, including emergency visits	1,106
Number of re-visits	752
Telephone calls, received and returned	3,462
Visits to firehouses	40

I wish to extend my most sincere thanks to all the Officers and Members of the Newark Fire Department, and the Bell and Siren Club for all the courtesy and cooperation rendered to me and my Associate, Carl E. Maffeo, M.D., during the past year.

Annual Report of the Activities of
the Catholic Chaplain
Rev. Horton Raught
for the year 1971

A report of my activities from June 24, 1971, through December 31, 1971, follows:

I was sworn in as Chaplain on June 24, 1971, and responded to 38 fires of which 32 were multiple alarms and one emergency with rescue squad.

Gave the last rites to three citizens killed at fires; accompanied all injured firemen to hospital from fire scene.

Attended all swearing in ceremonies of the Fire Department in City Hall, attended eight wakes of members of the families of Fire Department personnel, wakes of five active members of the Fire Department and four retired members. Attended the funerals of three members of the families, celebrated funeral masses of three active members in the Department, and four retired members of the Department.

Made 75 hospital visits to Fire Department personnel and members of their families, performed two weddings, one member of the department and one member of a family of a fireman.

Attended fire prevention demonstrations, attended social affairs pertaining to fire department activites, for example Bell and Siren Club, Essex County Police and Fire Retired Association and Police and Fire Widows Association of Essex County.

I am deeply appreciative of the cooperation given me by all members of the Department.

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Annual Report of the Activities of
the Protestant Chaplain
Rev. Clarence Bleakney
for the year 1971

I attended over 60 two-alarm fires during the day and night.

I made over 400 calls on Firemen and their families who were in and out of the hospital.

I conducted the Annual Fire Department Christmas Party on December 5th, at which nearly 200 firemen and their wives attended.

I officiated at many memorial services this past year, often with Monsignor McCabe and Chaplain Horton Raught participating.

I was the speaker by request of Monsignor Philip McCabe's family at his funeral in St. Thomas Aquinas Church in Newark.

I attended and sat at the Altar in St. Patrick's Church on the united Memorial Service for the Deceased of the Newark Police and Fire Department.

I was at City Hall to offer a Prayer at the swearing in of new firemen.

I am deeply grateful for all courtesies shown to me.

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Annual Report
of the Activities of the
Jewish Chaplain
Rabbi Horace L. Zemel
for the year 1971

I wish to report that during the year 1971, to the best of my ability, as Chaplain of the Fire Department, I have answered fire calls when summoned, participated in public functions, attended the sick and the dying, and in general, lent myself in full capacity as clergyman over all those to whom I ministered in whatever contingency my services were required.

I take this opportunity once again, of letting you know that I am deeply grateful of the many courtesies extended to me.

May I wish you and the entire Fire Department a year marked by Peace in the World, Order in our Government, Health in the Home, and success in every endeavor.

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CIVIL DEFENSE
Auxiliary Fire Reserve
Annual Report for the year 1971
Submitted by Batt. Chief Joseph A. Zoppi

During the year of 1971, members of the Auxiliary Fire Service have made 2,896 visits to Fire Houses, for a total of 18,485 man hours. They have responded to 7,297 fires and have spent a total of 3,192 hours working time at these fires.

On February 18, Chief Zoppi attended a meeting of the Essex County Civil Defense Directors and gave a report on the Auxiliary Fire Services of Newark.

New Rules and Regulations for Auxiliary Firemen were submitted to Director John P. Caufield and Chief Joseph M. Redden for approval. These rules and regulations were approved on August 2 and copies were distributed throughout the Department for the guidance of our Auxiliary Fire Fighting Forces.

On June 22, Director Caufield accepted an award on behalf of the Newark Fire Auxiliary Services for their dedicated services to the community. This award was presented by the Essex County Directors Association of Civil Defense and Disaster Control.

Drills were conducted at the city dock and in abandoned buildings on Hunterdon Street for the Auxiliary Firemen. While at one drill, a three-alarm fire occurred in a supermarket on Clinton Avenue and Washington Street. The drill was curtailed and Chief Zoppi brought 30 extra auxiliaries to the fire to assist the regular Fire Department in fighting the fire.

Two new training films were borrowed from the County by Chief Zoppi and shown to the members of the Newark Fire Department, both at the Training Academy and at different fire houses, with the cooperation of the Deputy Chiefs on duty.

Talks were given by Chief Zoppi and Captain Higgins to tenants of Housing Projects and homes for the elderly throughout the city on fire prevention and basic procedures in case of fire.

A written examination was given for the rank of Auxiliary Captain at the Fire Academy on November 9, 1971. On December 15, nine men were promoted to this rank.

Five Auxiliary Captains and 25 Auxiliary Firemen were placed on the inactive list for failure to put in the required time as prescribed in the rules and regulations. They will, however, be on call and will respond to emergencies if and when called by the Fire Service Coordinator.

There are now 98 active and 30 inactive men in the Auxiliary Fire Service.

Two former Auxiliaries are now regular members of the Newark Fire Department.

On November 10th, Chief Zoppi, Captain Higgins, and Fireman Harold Ellermann, attended a seminar conducted by Rutgers University, on Industrial Defense Against Civil Disturbances and bomb threats, held at Howard Johnson's in Newark.

Chief Zoppi and Members of his Staff participated in Control Center exercises held three evenings during the year.

Annual Report for the year 1971

THE BELL AND SIREN CLUB, INC.

The past year has been one of record-breaking proportions for the Bell and Siren Club. We responded to 112 calls during 1971.

This comprised 73 two-alarm, 10 three-alarm, and 2 four-alarm fires. We had 23 special calls and 2 calls for East Orange, and 1 each for South Orange and Irvington fires.

Operating expenses were slightly over \$4,000 for the year. The services rendered were:

Coffee: 10,047 cups
Bouillon: 1,471 cups
Tea: 135 cups
Hot Chocolate: 55 cups
Water: 361 cups
Orange Juice: 9,167 cups
Milk: 546 half-pints
Chocolate Milk: 9 half-pints
Donuts: 36 dozen
Cookies: 244 dozen
Buns: 17½ dozen
Sandwiches: 956
Cigarettes: 440

First Aid rendered to 14 Firemen.

Almost every record for the past year was broken in 1971. It is obvious that fires, special calls, etc., are bound to increase in these times, but it was hardly expected to the extent that they did.

During the coming year we will strive to improve our services. We will accept any suggestions for the improvement of the club, and we pledge our support to the fire service in all their endeavors.

The members of the Club wish to extend their thanks to the officers and members of the Newark Fire Department for their cooperation during the past year, especially for their generous response during Bell and Siren Month.

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City of Newark, New Jersey
Kenneth A. Gibson, Mayor
Fire Department

Cornelius Bodine, Jr.,
Business Administrator

John P. Caufield,
Director,
Fire Department

May 18, 1971

Ron. Cornelius Bodine, Jr.
Business Administrator
City Hall
Newark, N.J.

Dear Sir:

The principal objectives of the Newark Fire Department are:

1. To prevent fires from starting.
2. To prevent loss of life and property when a fire starts.
3. To confine a fire to the place where it started.
4. To put out the fire.

In order to accomplish these objectives with the maximum efficiency, effectiveness and economy, it is planned to initiate the measures listed in this report during the year 1971.

The objectives are grouped in four broad areas, as follows:

- I. Personnel.
- II. Operations.
- III. Apparatus and Equipment.
- IV. Facilities.

Respectfully submitted,


JOHN P. CAUFIELD,
Director, Fire Department.

JPC:EC

1971 OBJECTIVES	STATUS
I. PERSONNEL	
a. Sick Leave. Maintain under 3½% level.	Average for 1971 3.2 % Range 2.2 % to 5.8 %
b. Reduction of injuries. Minimize	Established a Safety Committee to review and evaluate and plan remedies.
c. Members detailed to other Departments	One Captain and two Firemen returned to Fire Department duty.
II. OPERATIONS	
a. In-Service Inspections 10% increase	Increased from 3,457 in 1970 to 7,638 in 1971--up 120%
b. Reduction of department motor vehicle accidents	1. Established an Accident Review Board. 2. Maintained a continuous Driver Training program. 3. Established a Fire Department garage for better maintenance of apparatus.
c. Reduction of False Alarms	1. Measures taken were ineffective. 2. A Citizens Committee has been established. 3. A plan has been submitted to the Board of Education which hopefully will reduce the 1,582 alarms for schools in 1971 (of which only 73 were for fires).
d. Computerization	1. A large new computer to be installed in 1972 for all City Departments. 2. A member of the Planning Division has graduated from Chubb Institute as a Programmer. 3. Records are in process of being codified per N.F.P.A. standards. 4. A survey conducted by the Public Technology Institute and Bureau of Standards is scheduled for completion by September 1972. The purpose is to develop a simulator program and a model (data) processing package for the Fire Department.
e. American Insurance Association survey of City's Fire Defense.	Completed.

1971 OBJECTIVES

STATUS

- f. Enactment of Ordinances.
1. Building Plans to be submitted to the Fire Prev.Bur. for examination before approval.
 2. Penalties for Fire Prev.Code Violations.
 - a. Recommend fine not less than \$25 ea.count and \$25 ea.day thereafter.
 - b. Stop duplication of violations.
 - c. Deterrent to slum lords.
 3. Formal organization of Arson Sq.
 - a. Responsibility & Authority.
 - b. Police Powers, subpoenas.
 - c. Carrying of arms
- g. Community Relations
- h. Develop a City-wide Disaster Plan.
- i. Research and evaluation of modern fire-fighting techniques
- j. Water Supply
- k. Fire Boxes-Painting
- l. Communications
- m. Emergency Services, Centralize
- n. Training
- o. Cadet Program
- Ordinance passed and in effect.
- (Suggested Ordinances have been submitted to the City Law Department and their approval is awaiting action by that Department.
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- Programs in effect.
- Drawn up and submitted to the Mayor's Office.
- Material has been obtained pertaining to the Rand Association survey of New York Fire Department. This is being studied and a tentative meeting arranged with Rand personnel to evaluate the possible usage of some of its findings in Newark.
1. Water Officer in process of analyzing results of fire flow tests as conducted by the A.I.A.
 2. Recommendations are to be made as to mains in the City which require cleaning and lining.
- Public Works painters unavailable.
- Monthly meetings have been conducted with Line Chiefs and Staff Officers as a means of transfer of ideas,policies,problems, etc. Fire Stations were sites of meetings with members of fire companies.
- A Fire Department proposal has been submitted to the City Administration and is awaiting decision.
- A continuous program was instituted by the Training Academy Staff. Special courses were attended at Rutgers,N.C.E., Essex County College and Civil Service Offices.
- Successfully instituted and twenty cadets are now participating.

1971 OBJECTIVES

STATUS

III. Apparatus and Equipment**1. Apparatus**

1. An ongoing program of Preventive Maintenance, Training and standardization of equipment is under way.
2. Apparatus delivered or waiting acceptance are: 2 FWD Pumpers, 4 Mack Pumpers, 1 Snorkel Truck.
3. Near completion and scheduled for delivery in April: 4-100' Aerial Ladder Trucks.
4. Requested in 1972 Capital Budget - 5 Pumpers and 1 Aerial Ladder Truck.

2. Equipment**a. Breathing Apparatus**

- 1 Filter type canister masks removed from service May 7, 1971
2. 190 Approved self-contained masks were purchased and placed in service.
3. A compressor and air filtration system was purchased and is in use to recharge mask cylinders.

b. Install Selective Gong, Ringing and Voice Alarm System.

1. Installed a pilot program in three Fire Stations.
2. Cost of City-wide installation provided for in 1972 Capital Budget.

c. Provide new portable hand lights for field units

A number of new models were purchased and assigned to Deputy Chiefs for evaluation.

IV. FACILITIES.**a. Fire Training Center**

1. Site selected.
2. Bonding Ordinance for first phase costs were approved.
3. Negotiations for land purchase under way.
4. Second phase-completion costs were provided for in the 1972 Capital Budget.

b. New Fire Administration Building

1. Site selected and approved by Newark Housing Authority.
2. Requested for in 1972 Capital Budget.

c. Rehabilitate old Fire Stations.

1. Funding is requested in 1972 Capital Program for:
 - a. New storm windows and doors on all Firehouses.
 - b. Modernization of kitchens, sitting rooms, plumbing and electrical work where needed.
2. Roofs.

Repair or replace leaking roofs.
Discussed with Public Works Dept. and awaiting further action.

1971 OBJECTIVES

STATUS

d. Relocate Engine 28 to Engine 13
and Truck 6 Quarters

Awaiting decision by Administration.

e. Overhead Automatic Apparatus
doors

Bonding ordinance passed. Awaiting
specifications and action by Public
Works.

f. Replace wooden apparatus floors
at quarters of Engine 8.

1. This floor was inspected by an
Engineer from Newark College of Engineering.
2. His report and request was forwarded.
3. Awaiting action by Public Works.